

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

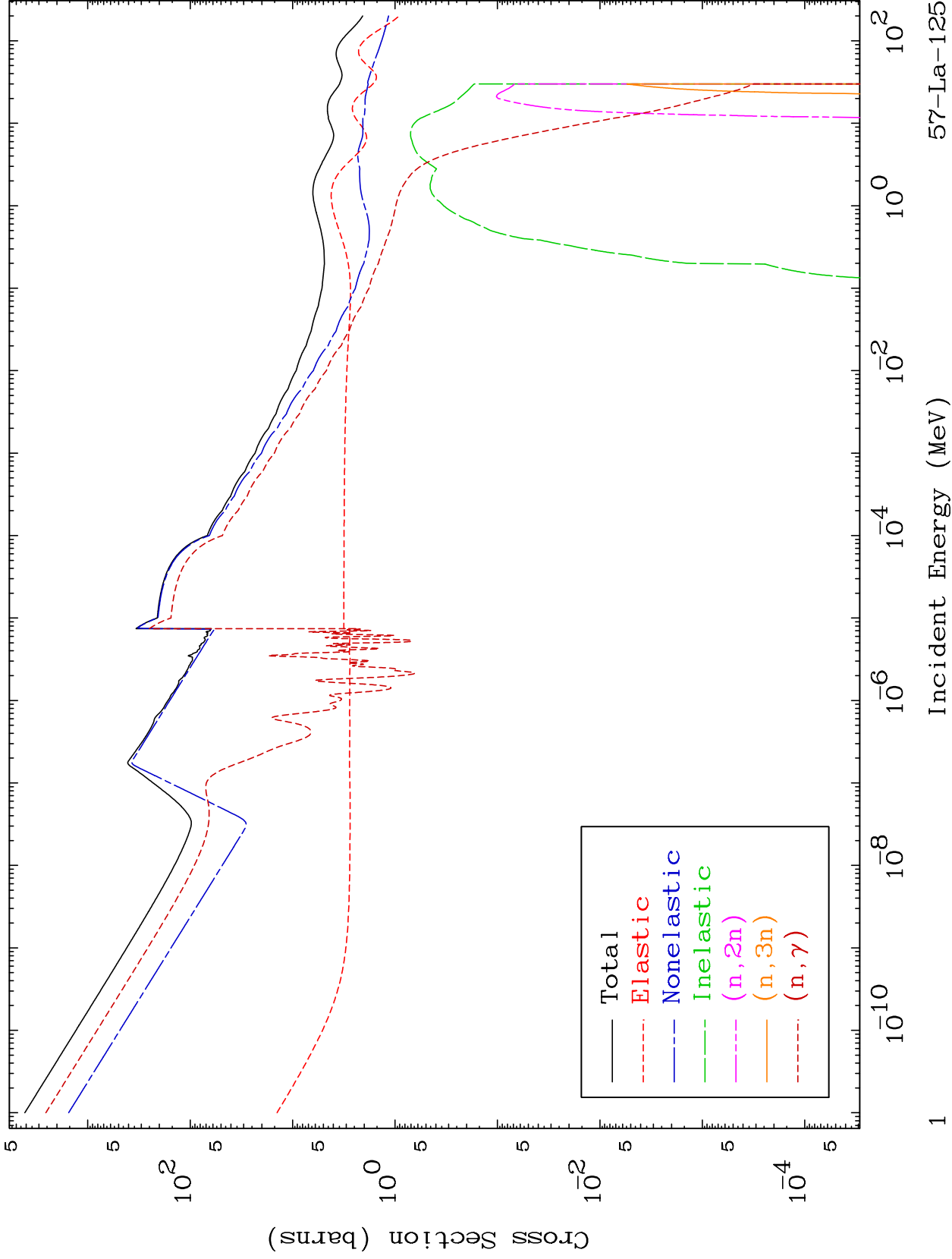
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5686

Neutron Major
293 Kelvin Cross Sections

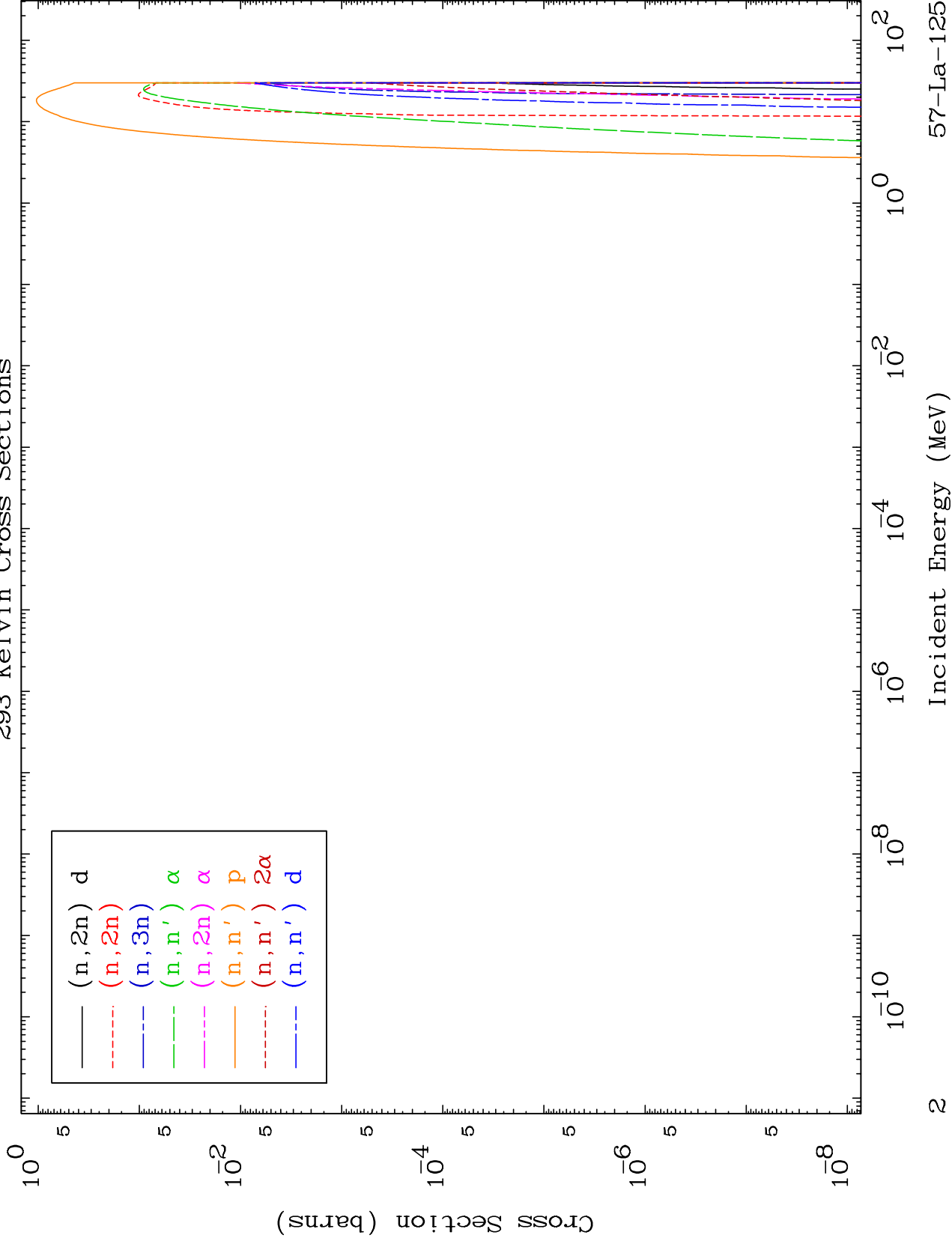
57-La-125



MAT 5686

Neutron Absorption
293 Kelvin Cross Sections

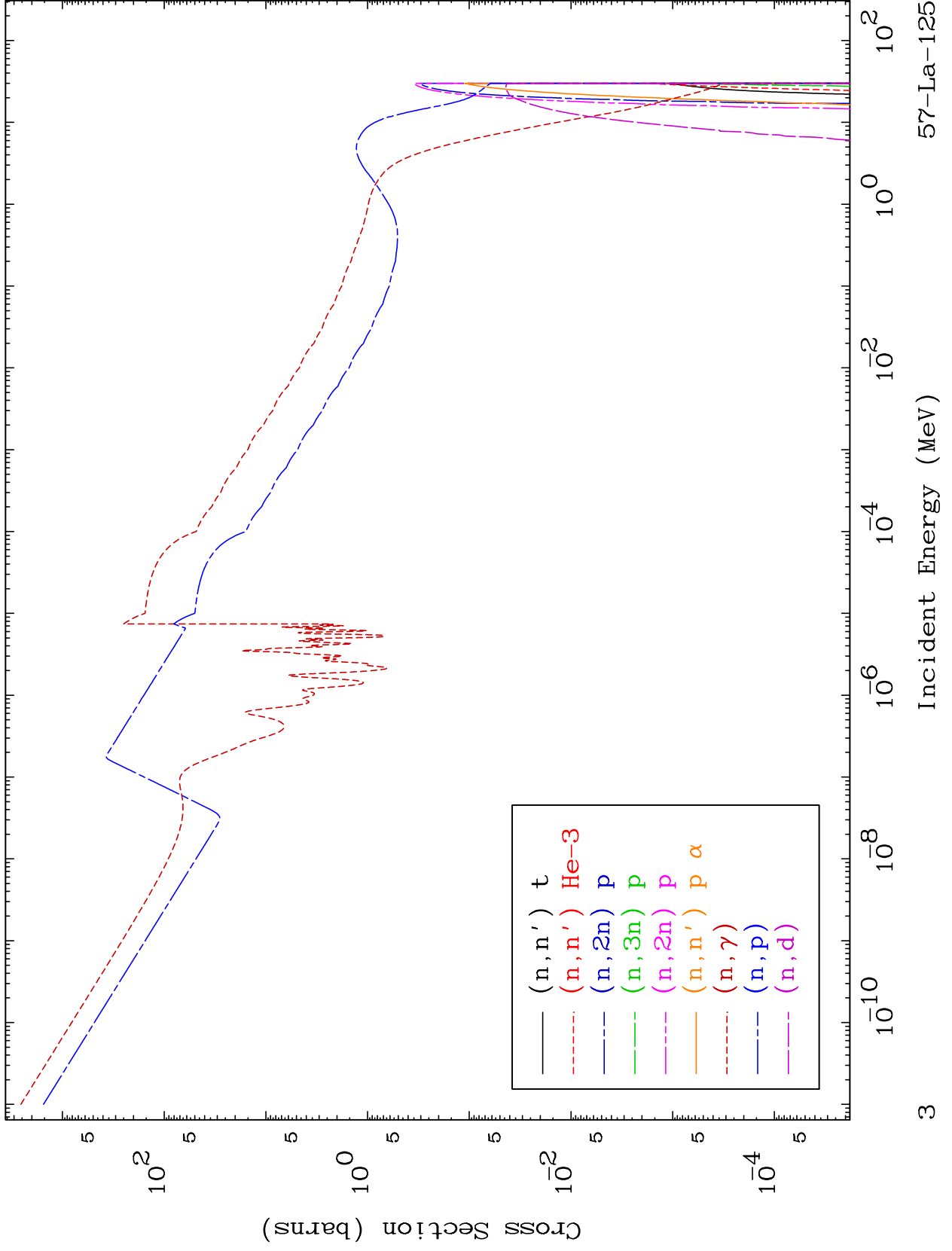
57-La-125



MAT 5686

Neutron Absorption
293 Kelvin Cross Sections

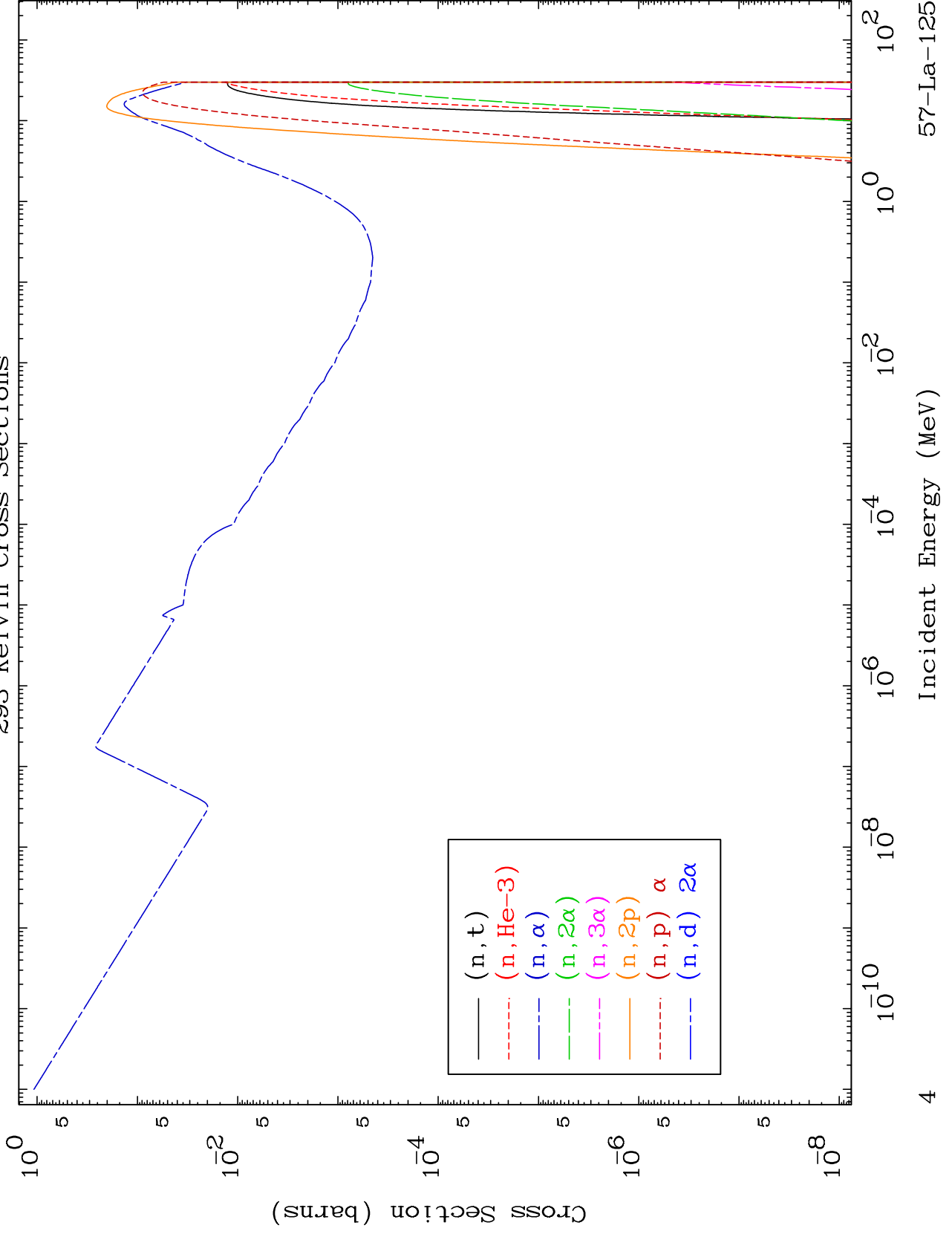
57-La-125



MAT 5686

Neutron Absorption
293 Kelvin Cross Sections

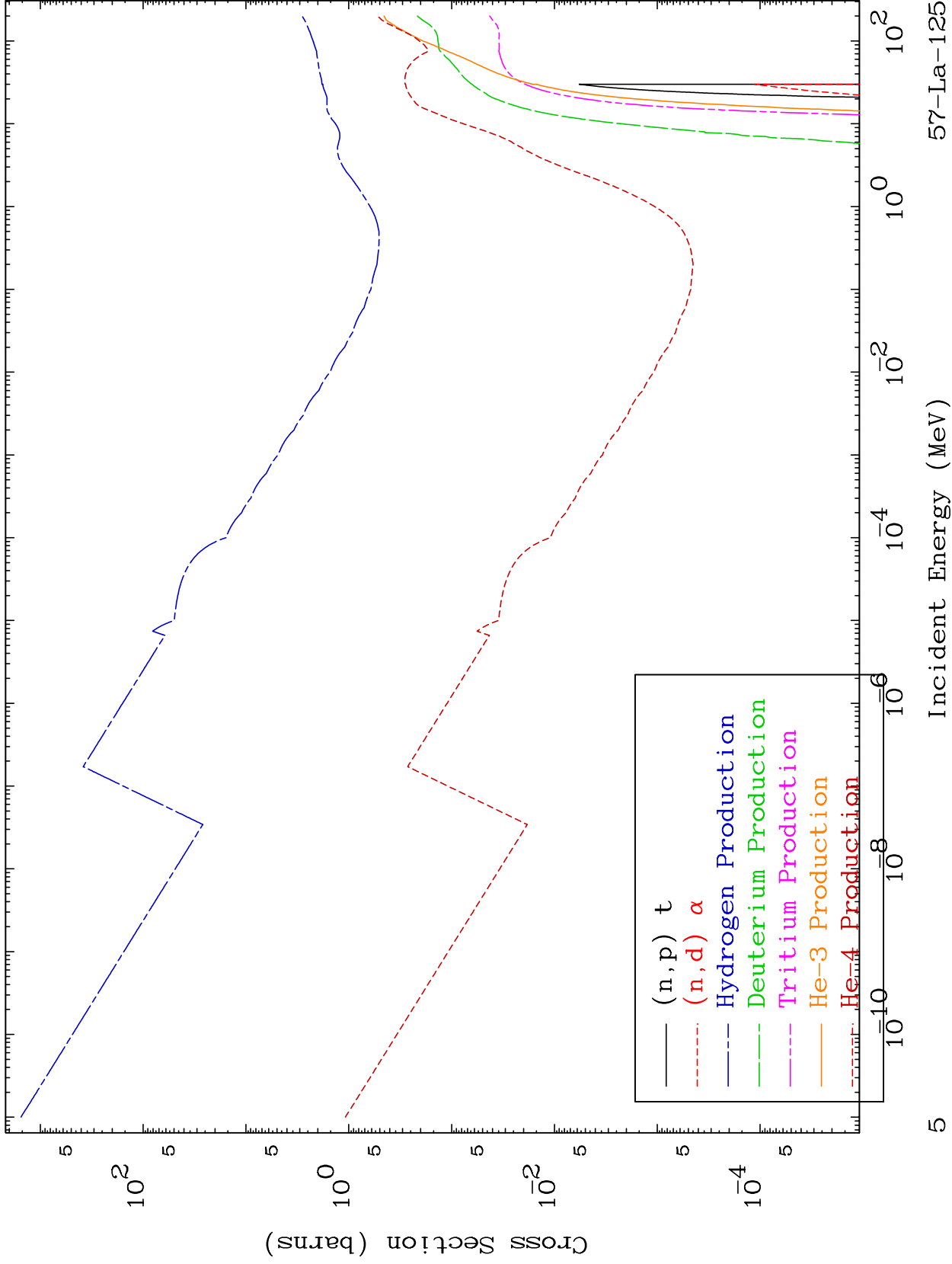
57-La-125



MAT 5686

Neutron Absorption
293 Kelvin Cross Sections

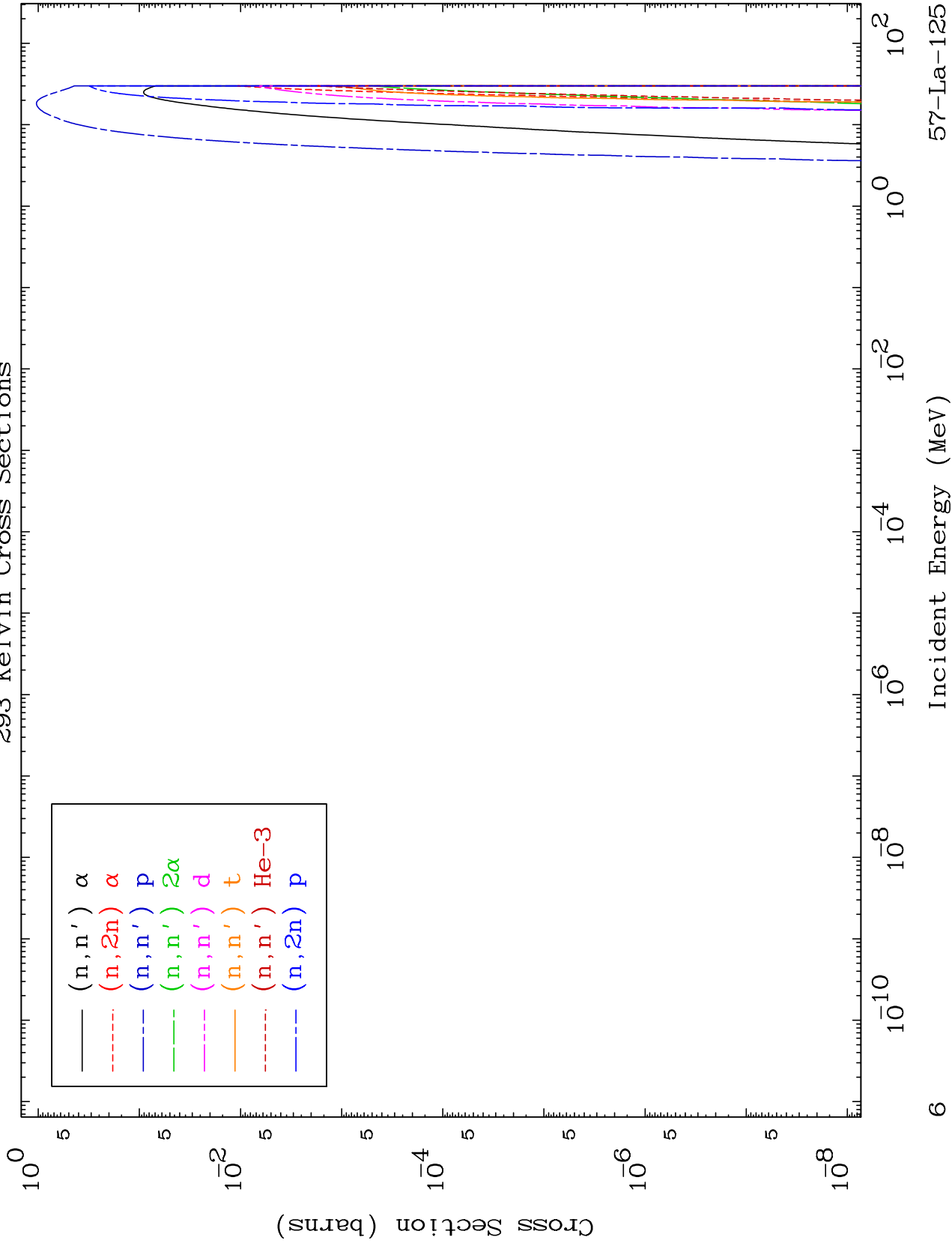
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

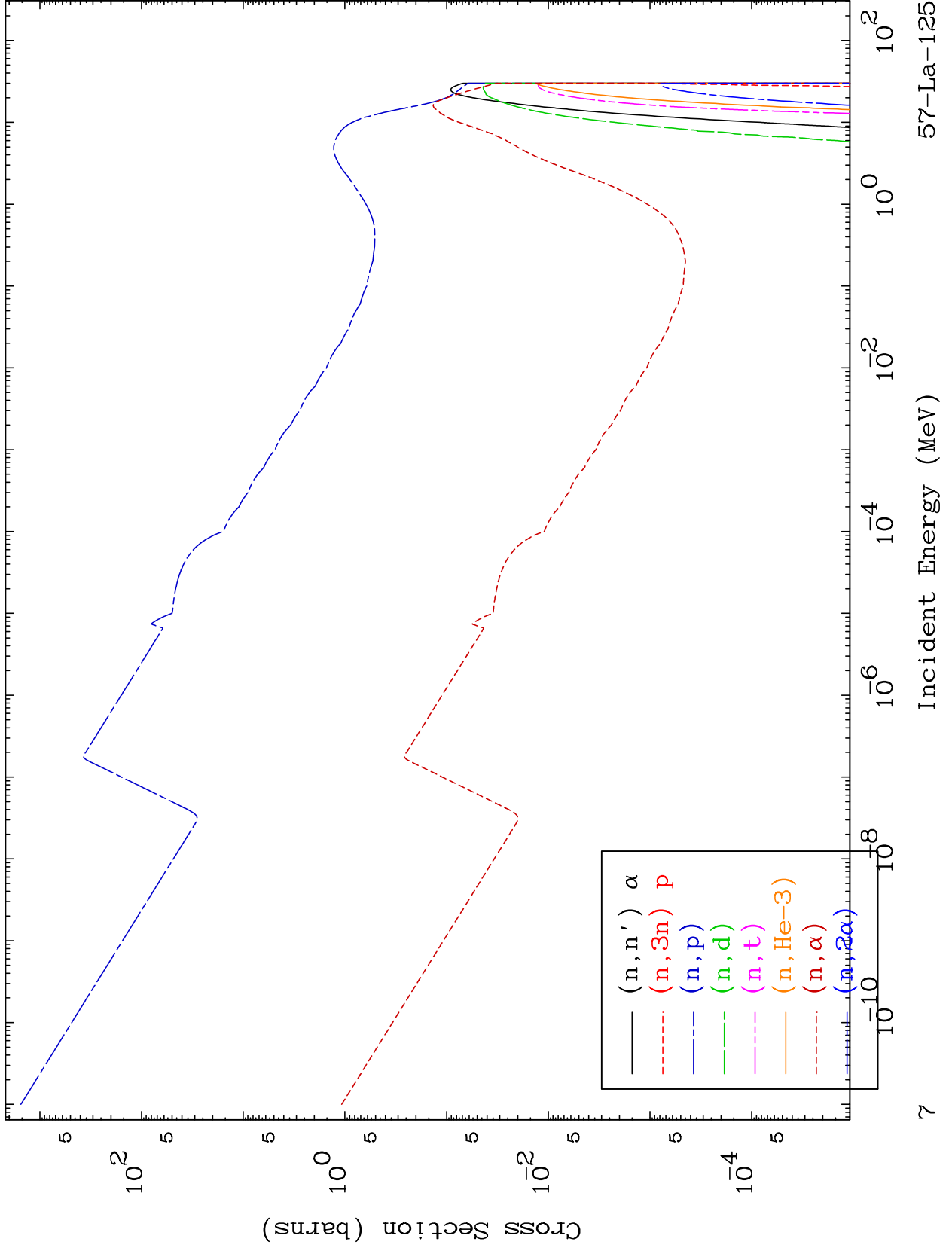
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

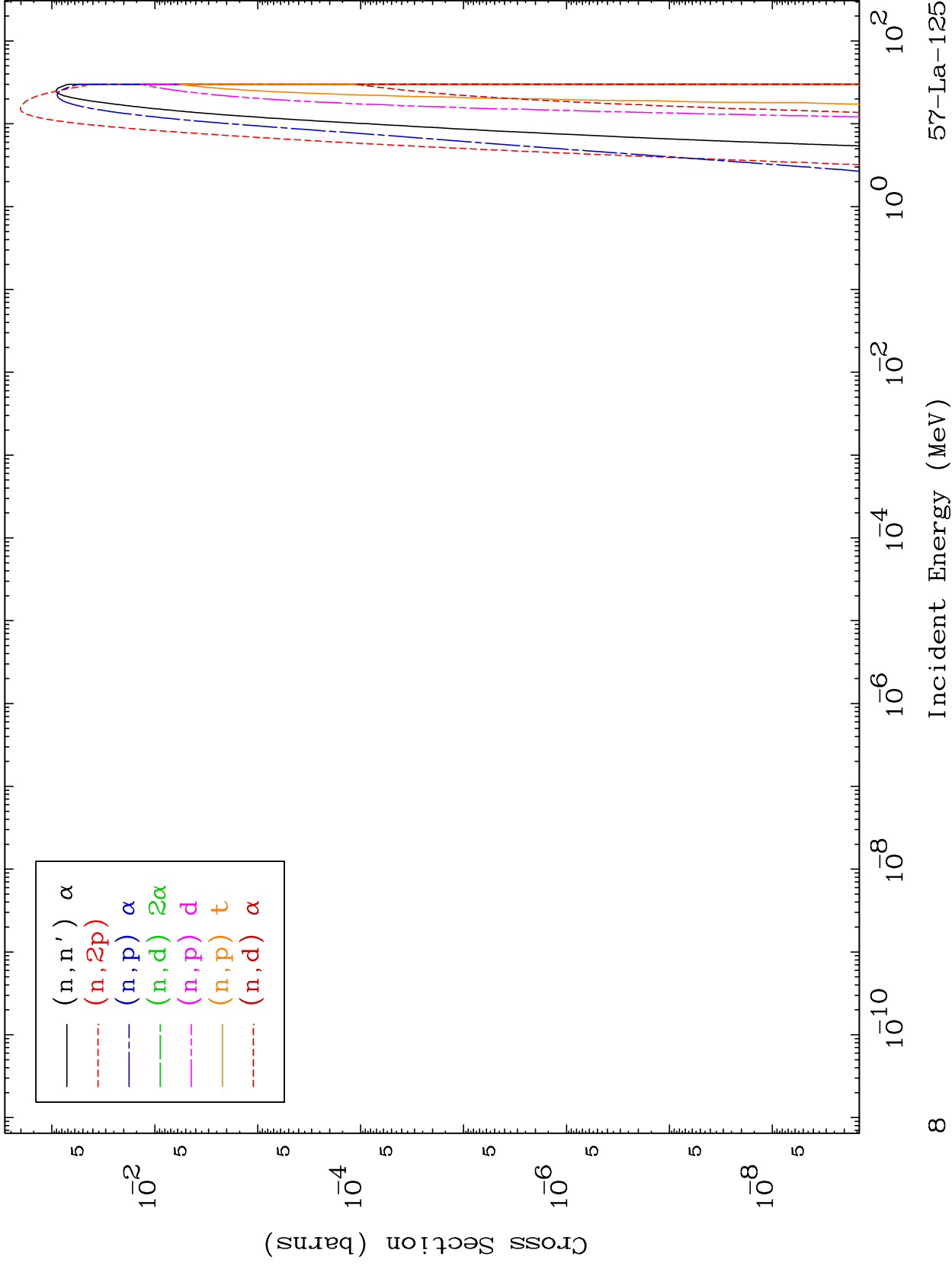
57-La-125



MAT 5686

Charged Particle
293 Kelvin Cross Sections

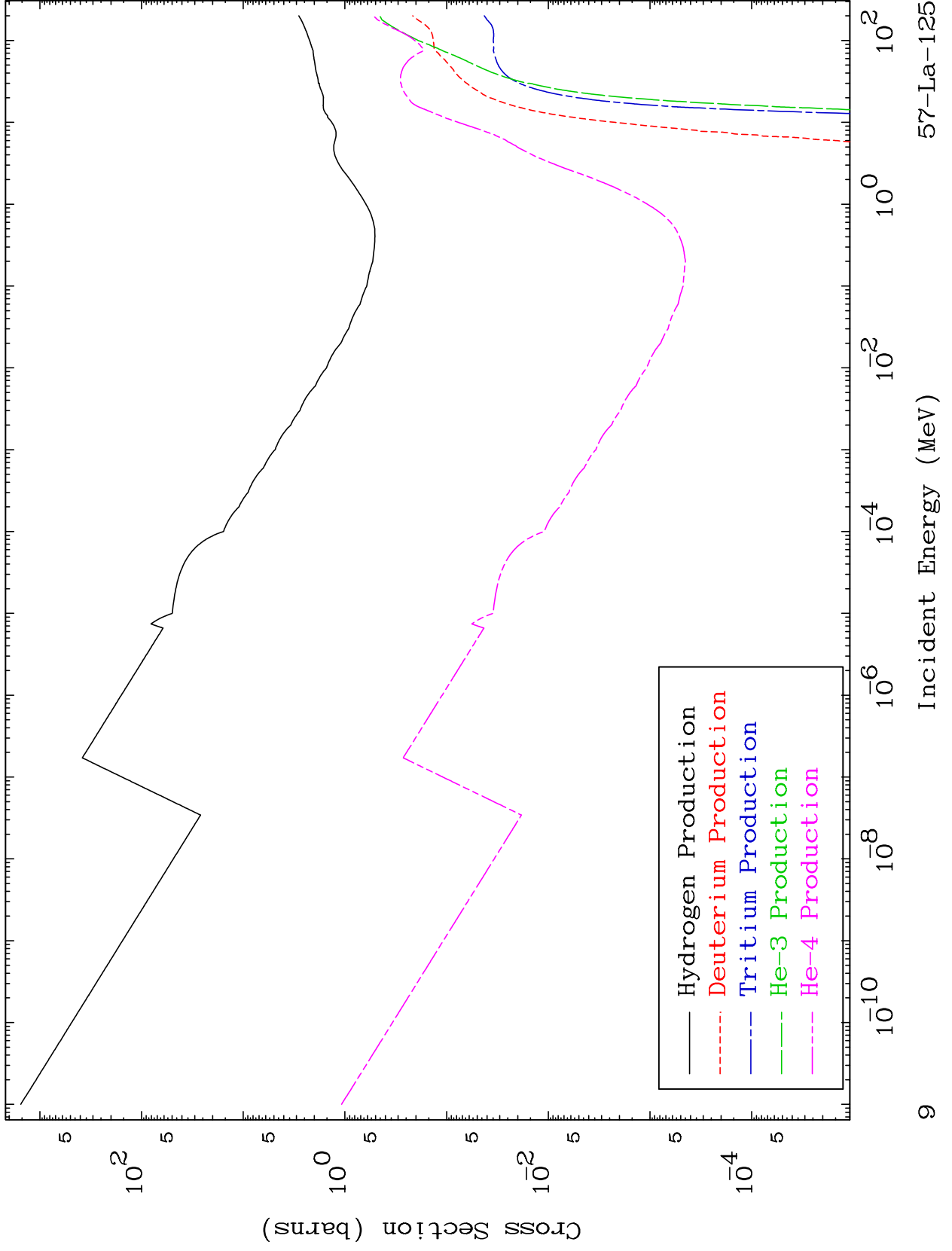
57-La-125



MAT 5686

Particle Production
293 Kelvin Cross Sections

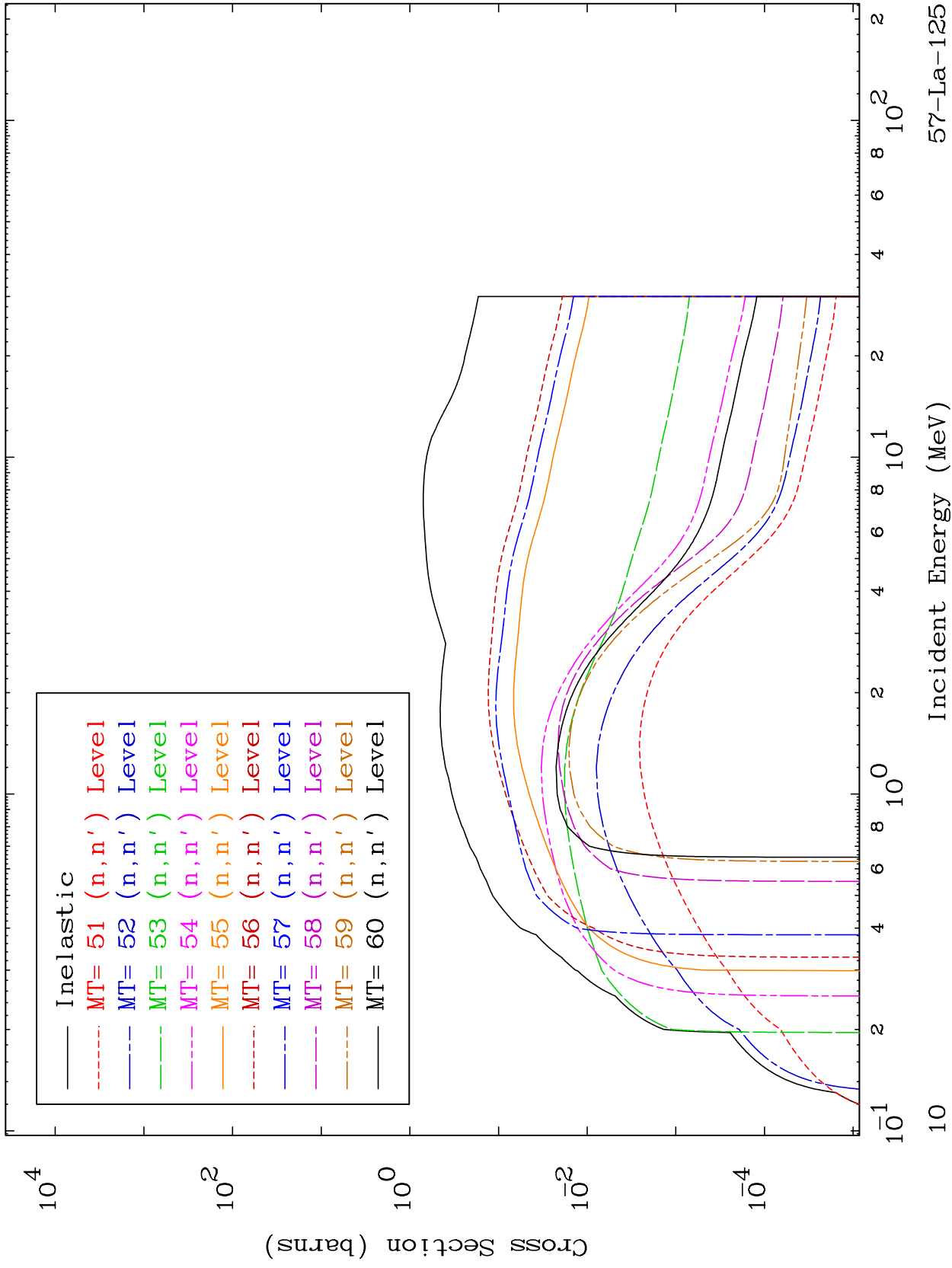
57-La-125



MAT 5686

(n,n') Levels
293 Kelvin Cross Sections

57-La-125



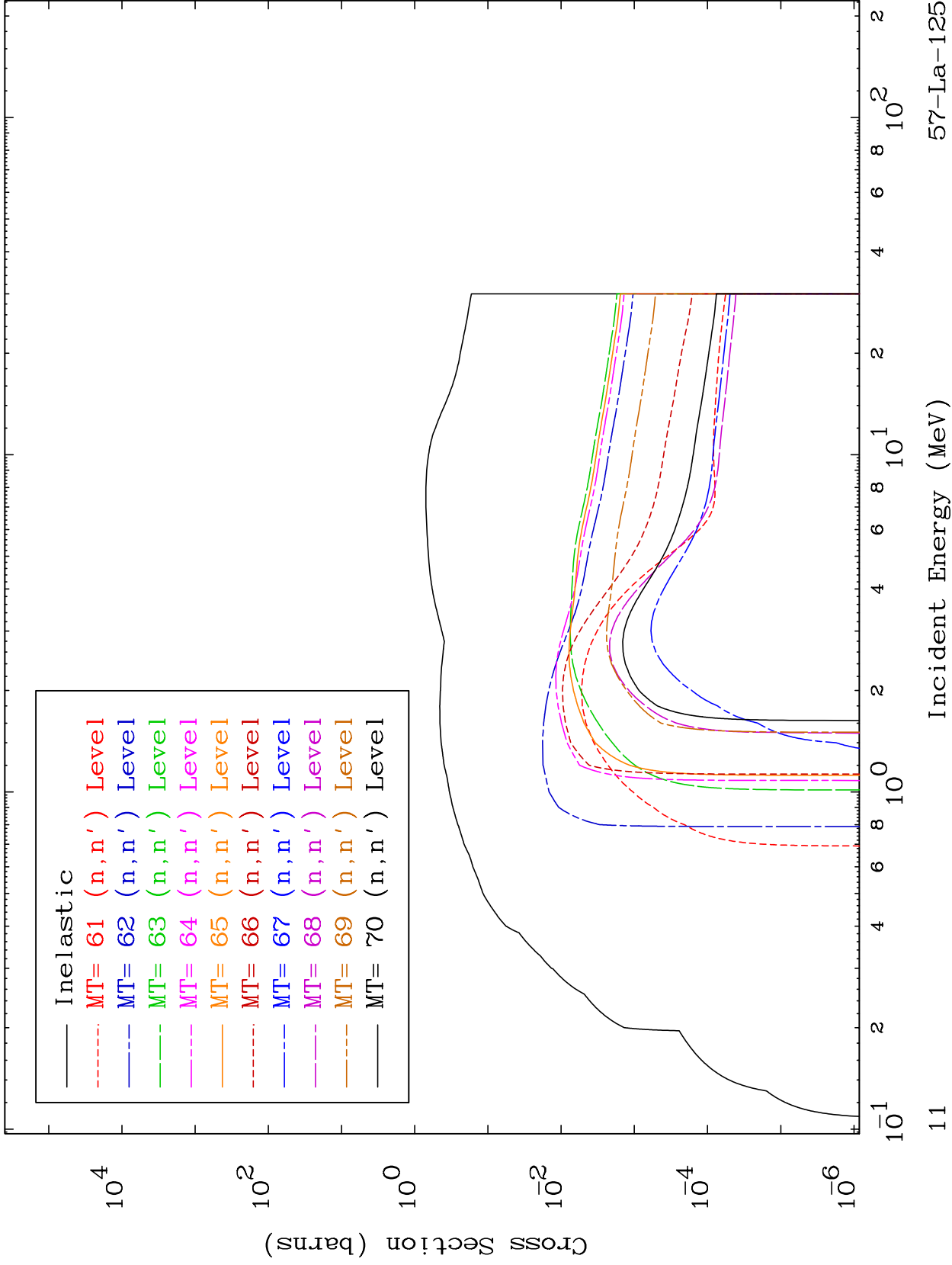
57-La-125

Incident Energy (MeV)

MAT 5686

(n,n') Levels
293 Kelvin Cross Sections

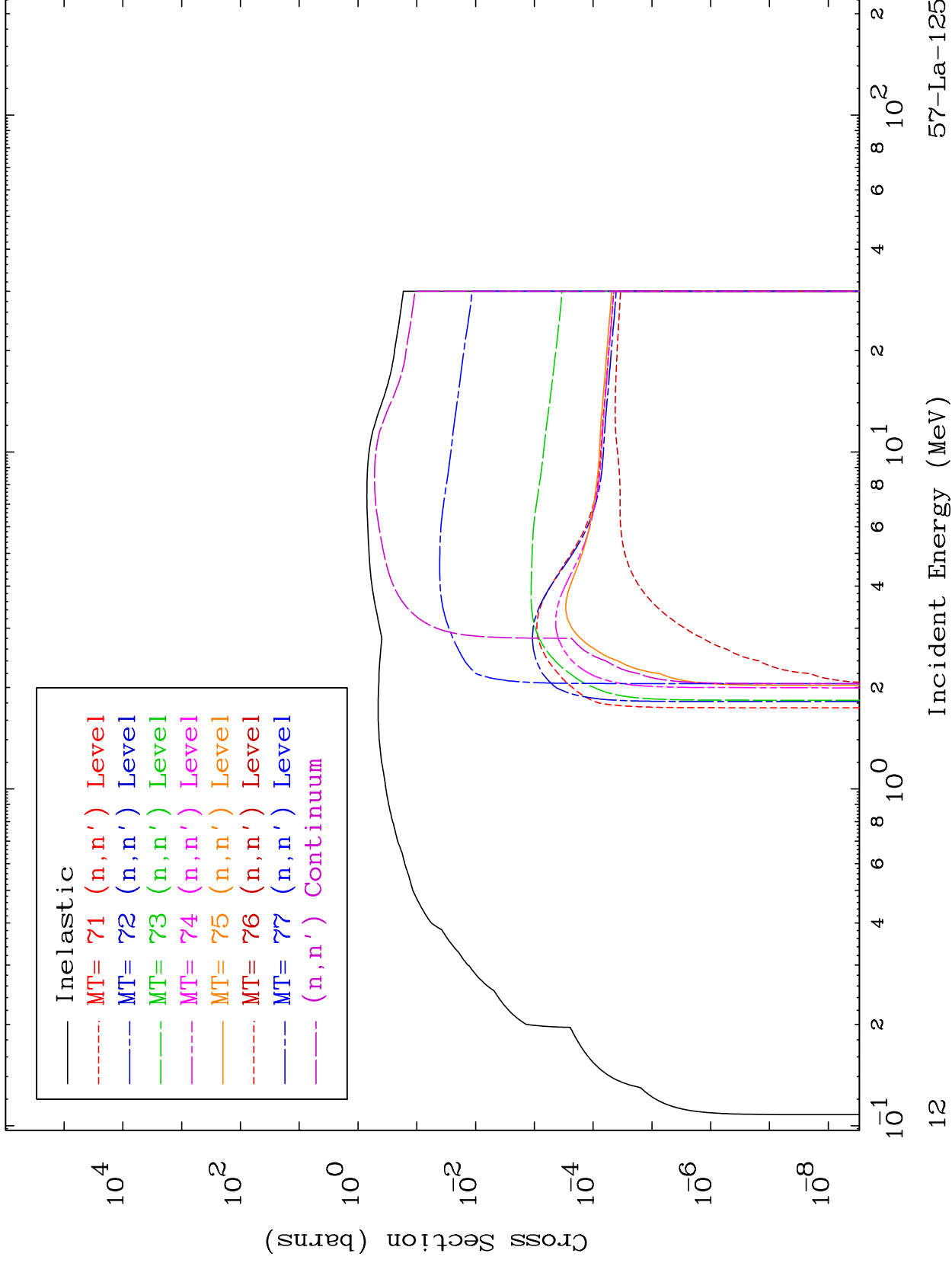
57-La-125



MAT 5686

293 Kelvin Cross Sections

57-La-125

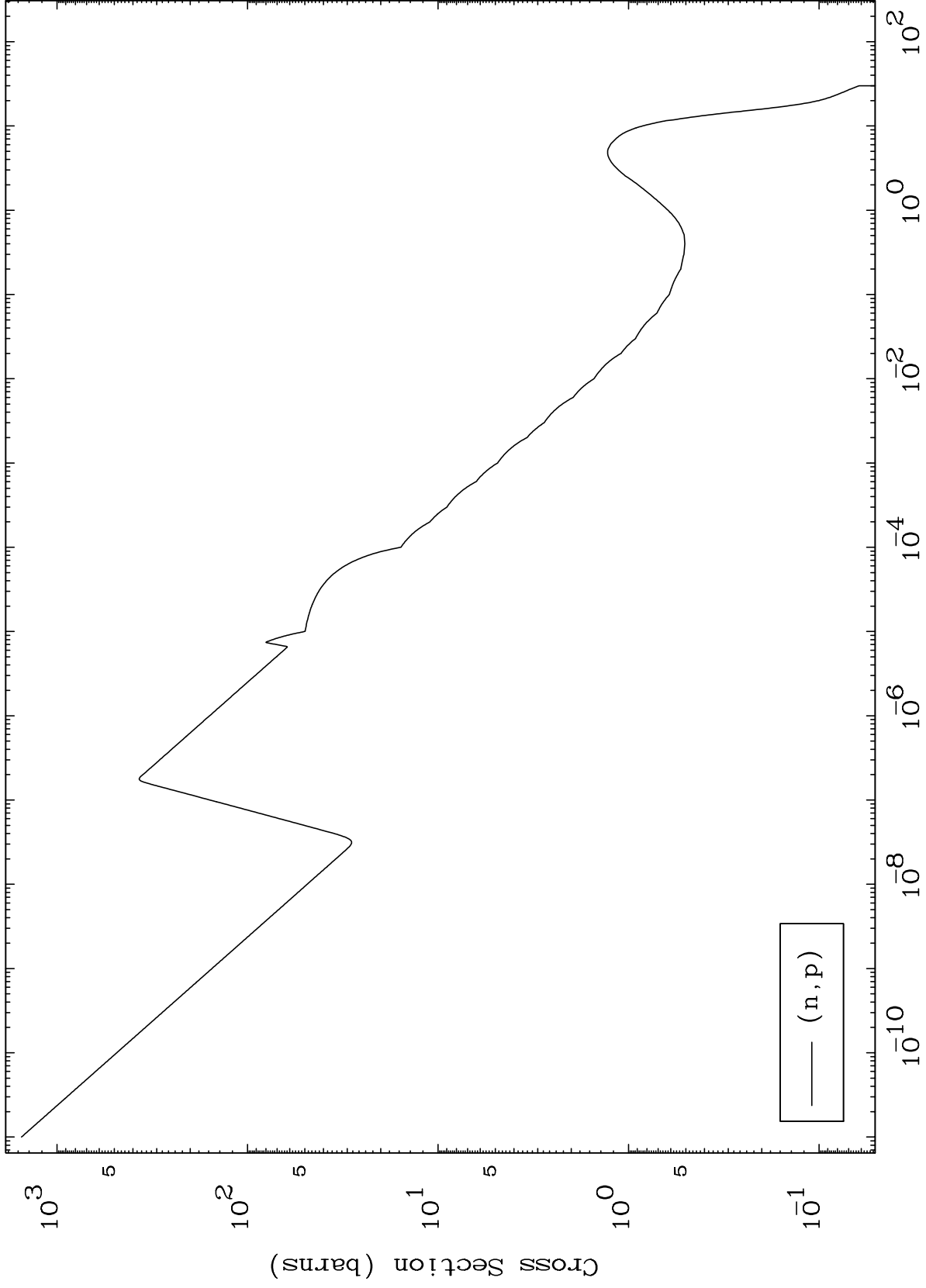


12

MAT 5686

(n,p) Levels
293 Kelvin Cross Sections

57-La-125



13

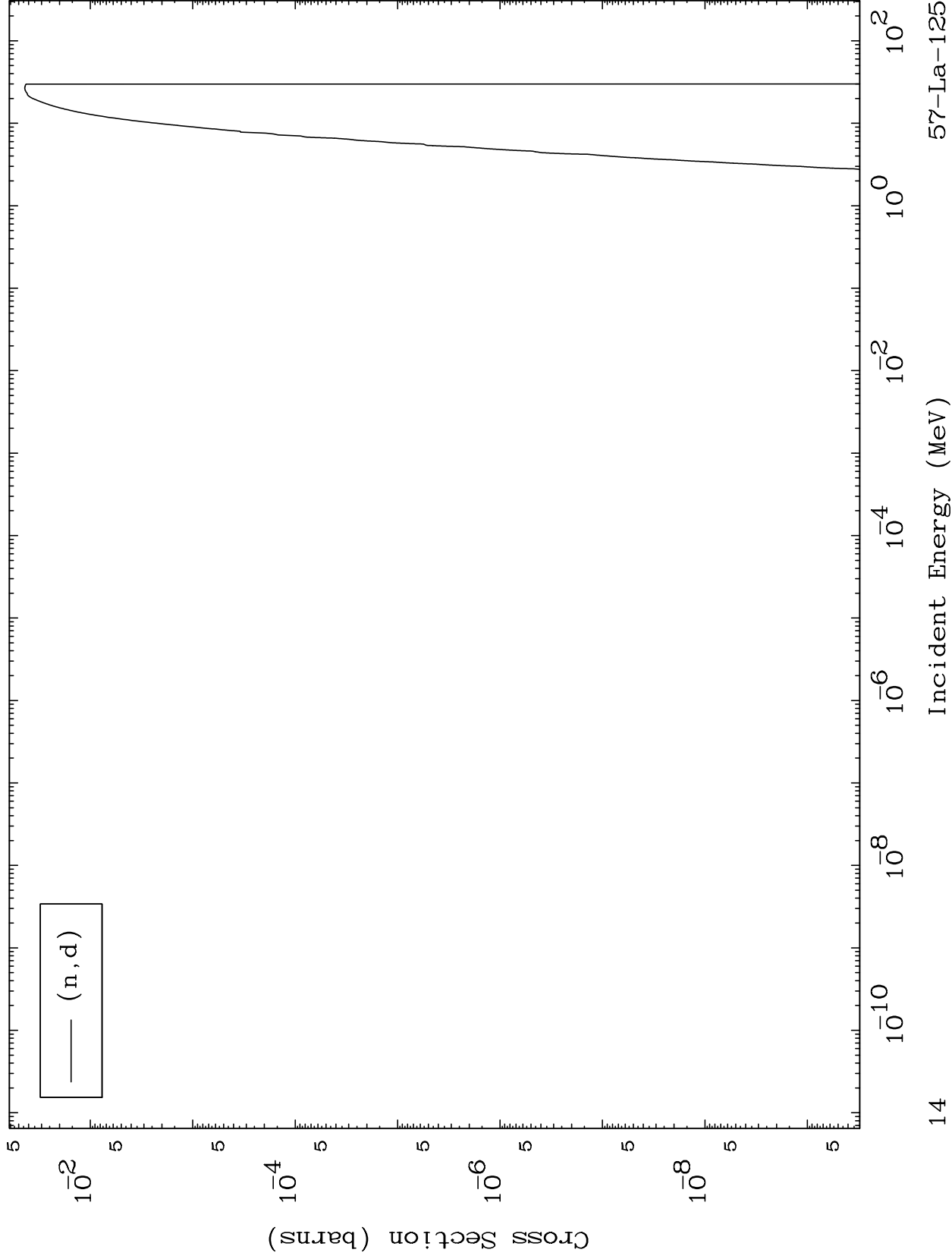
Incident Energy (MeV)

57-La-125

MAT 5686

(n,d) Levels
293 Kelvin Cross Sections

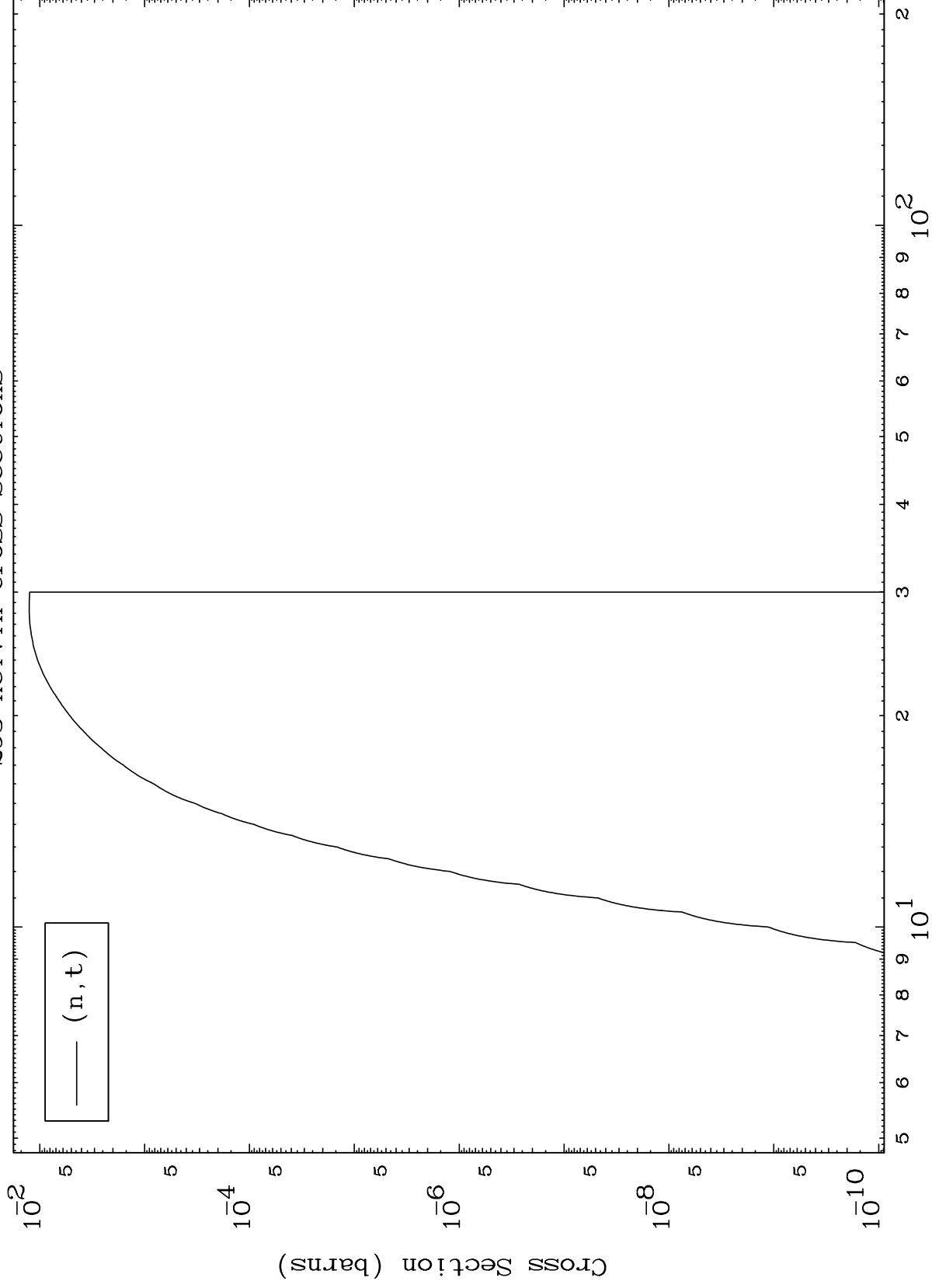
57-La-125



MAT 5686

(n,t) Levels
293 Kelvin Cross Sections

57-La-125



15

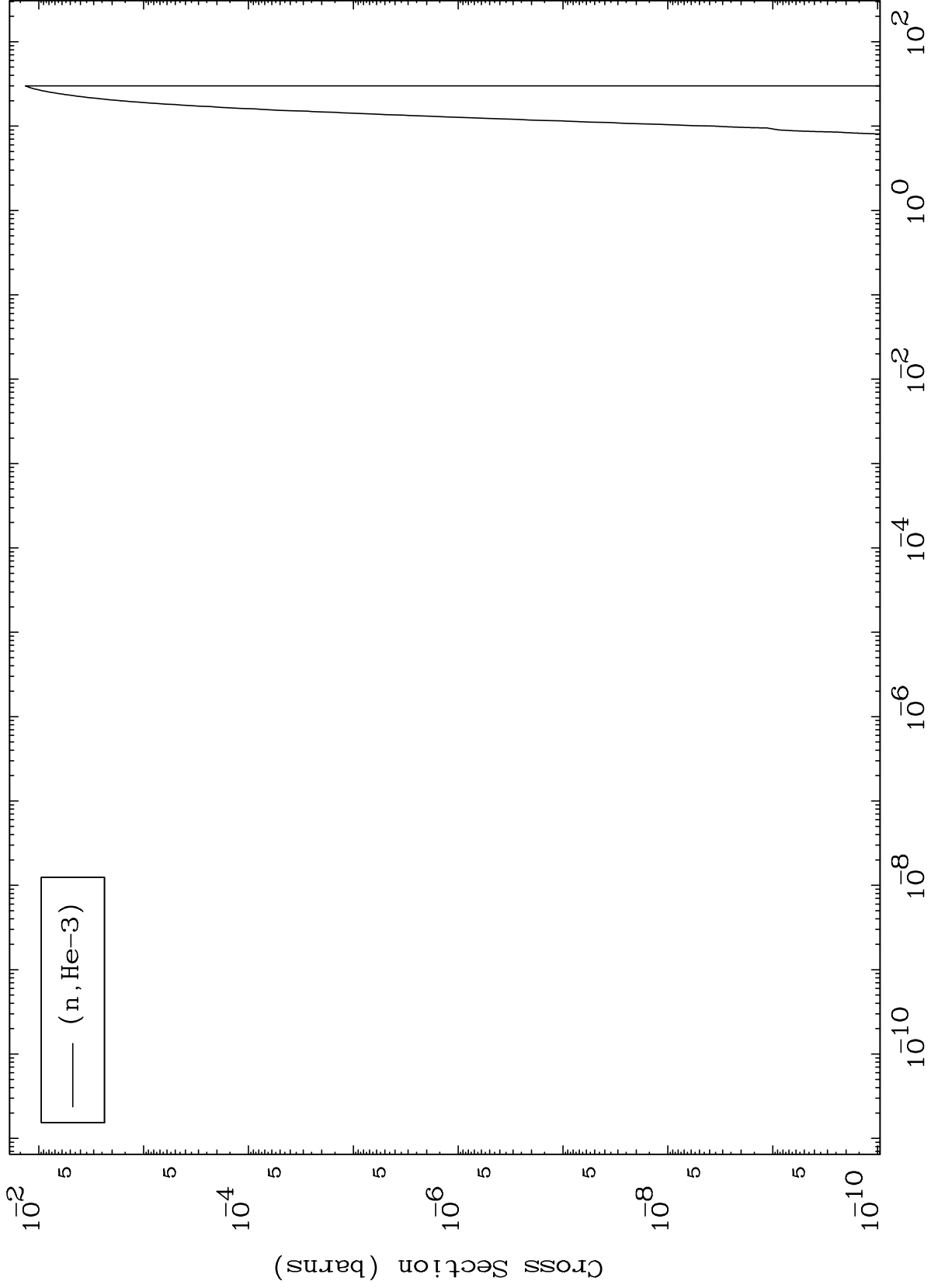
Incident Energy (MeV)

57-La-125

MAT 5686

(n,He3) Levels
293 Kelvin Cross Sections

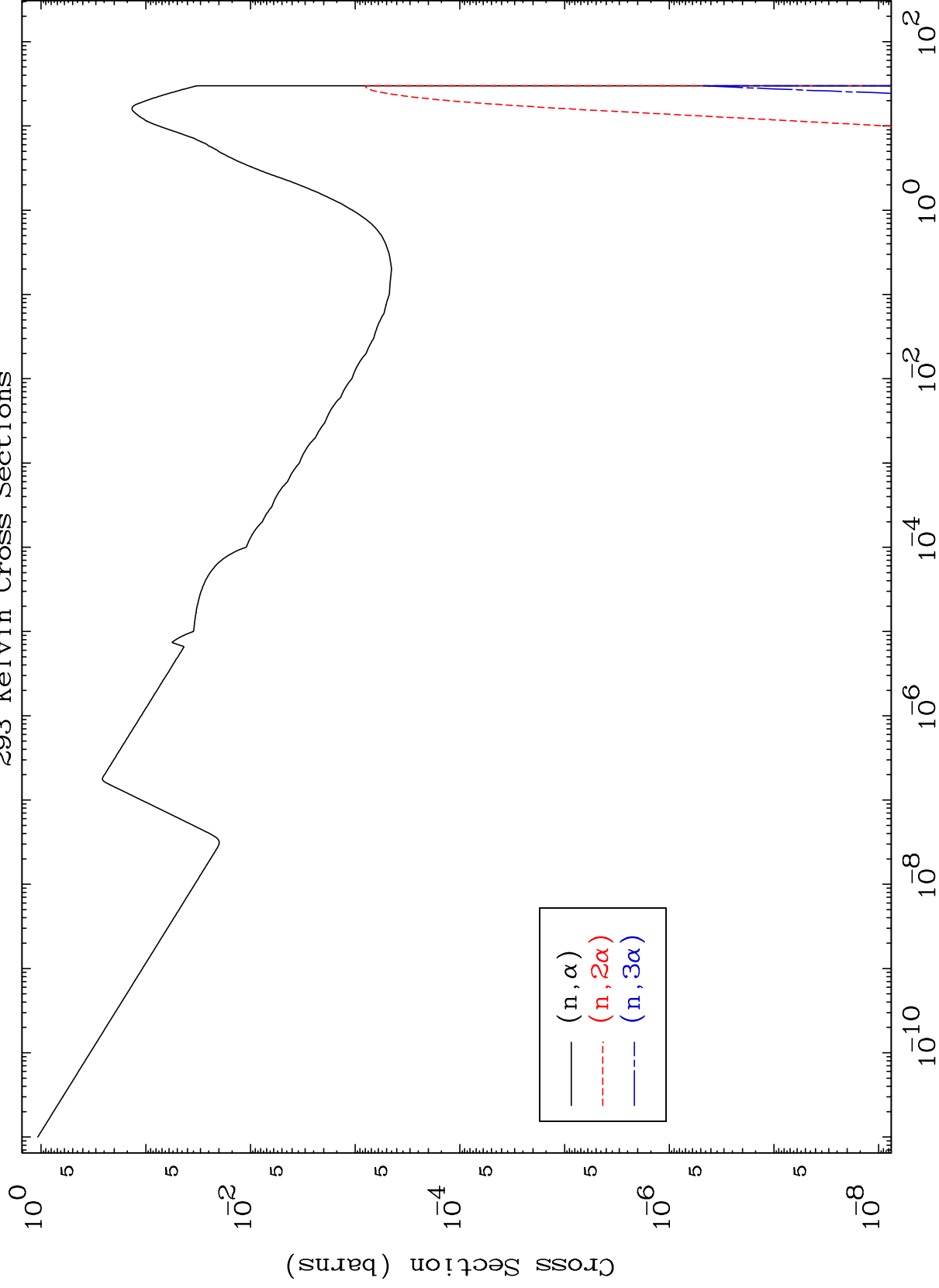
57-La-125



MAT 5686

(n, α) Levels
293 Kelvin Cross Sections

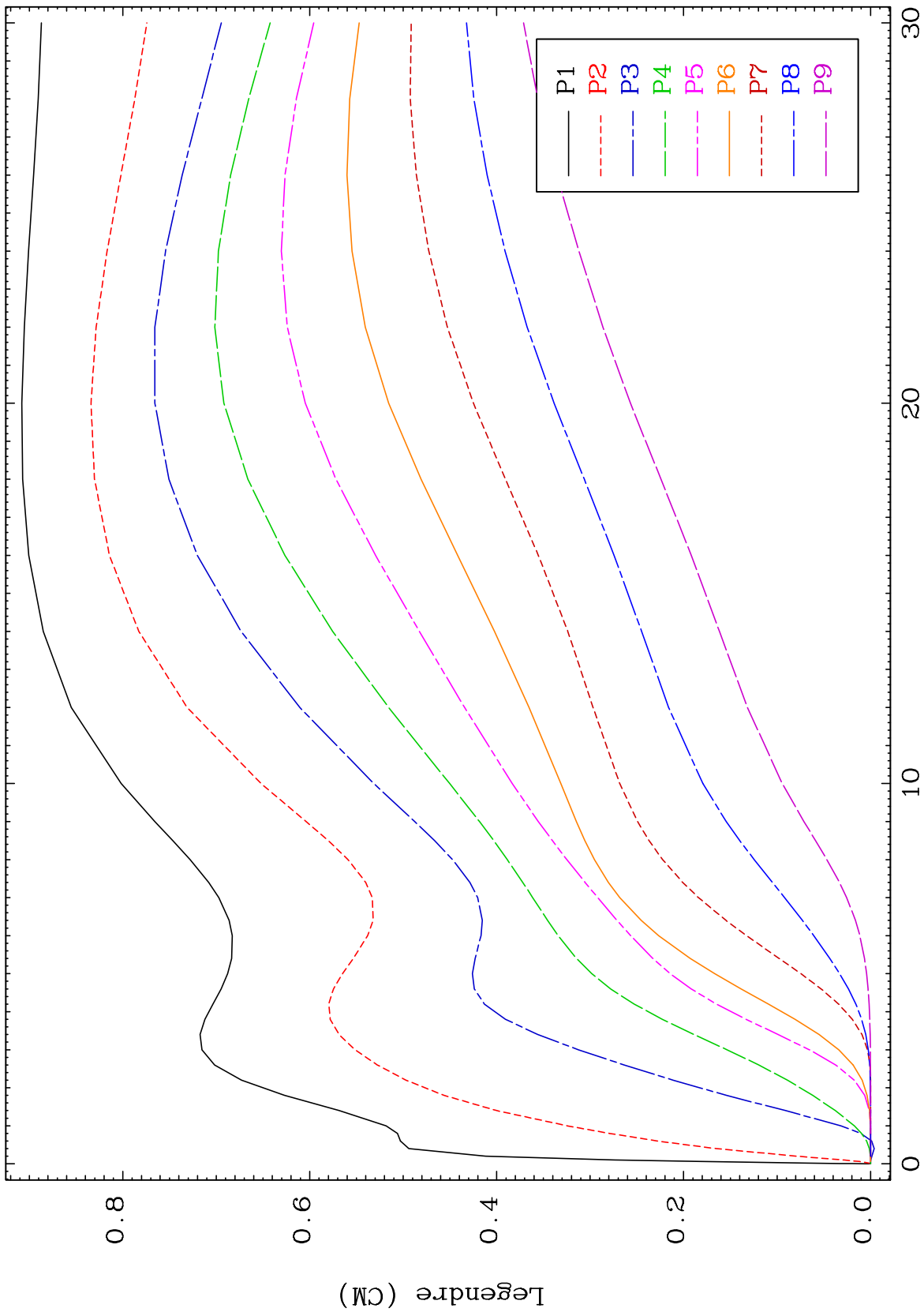
57-La-125



MAT 5686

Elastic Legendre Coefficients

57-La-125



18

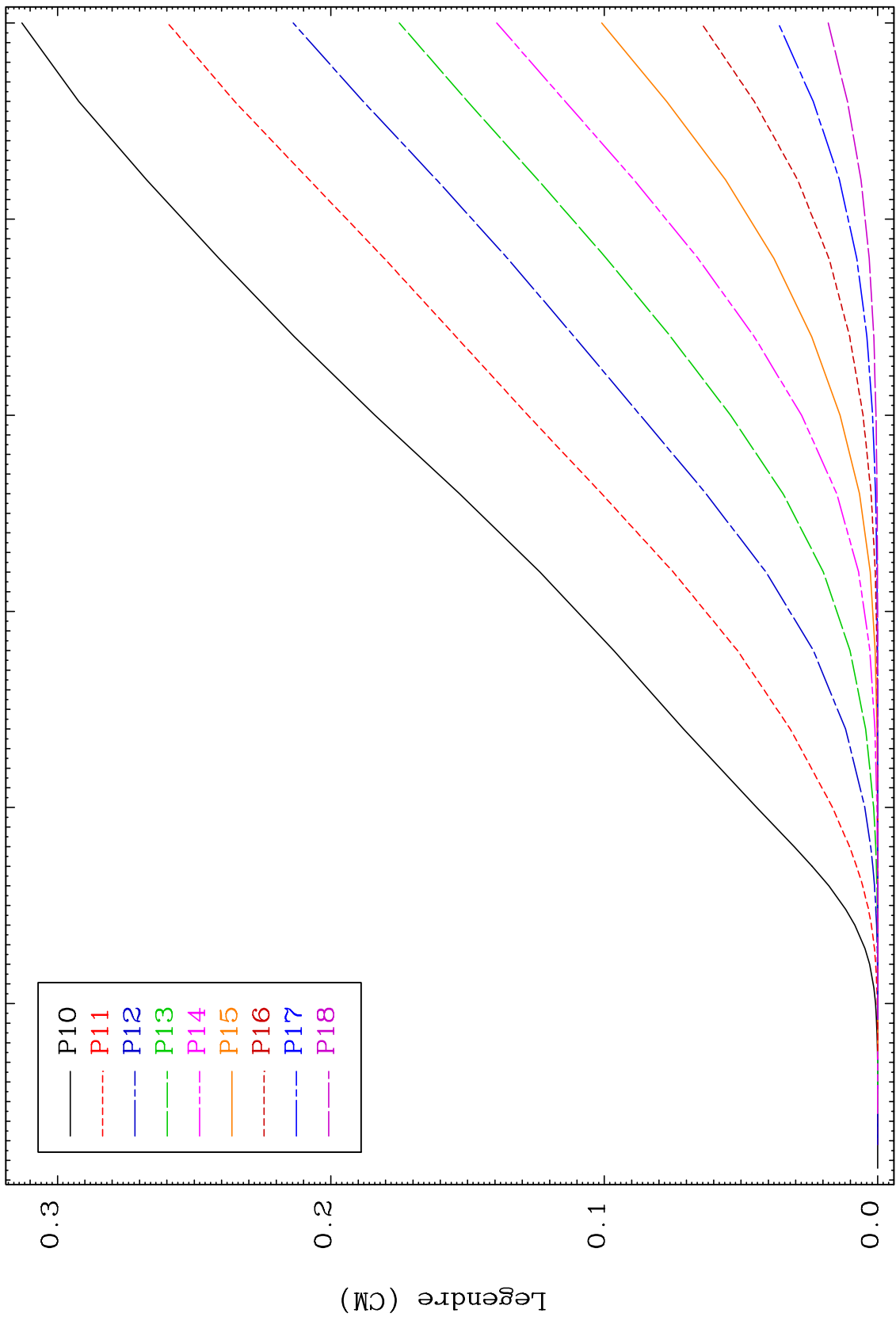
Incident Energy (MeV)

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



19

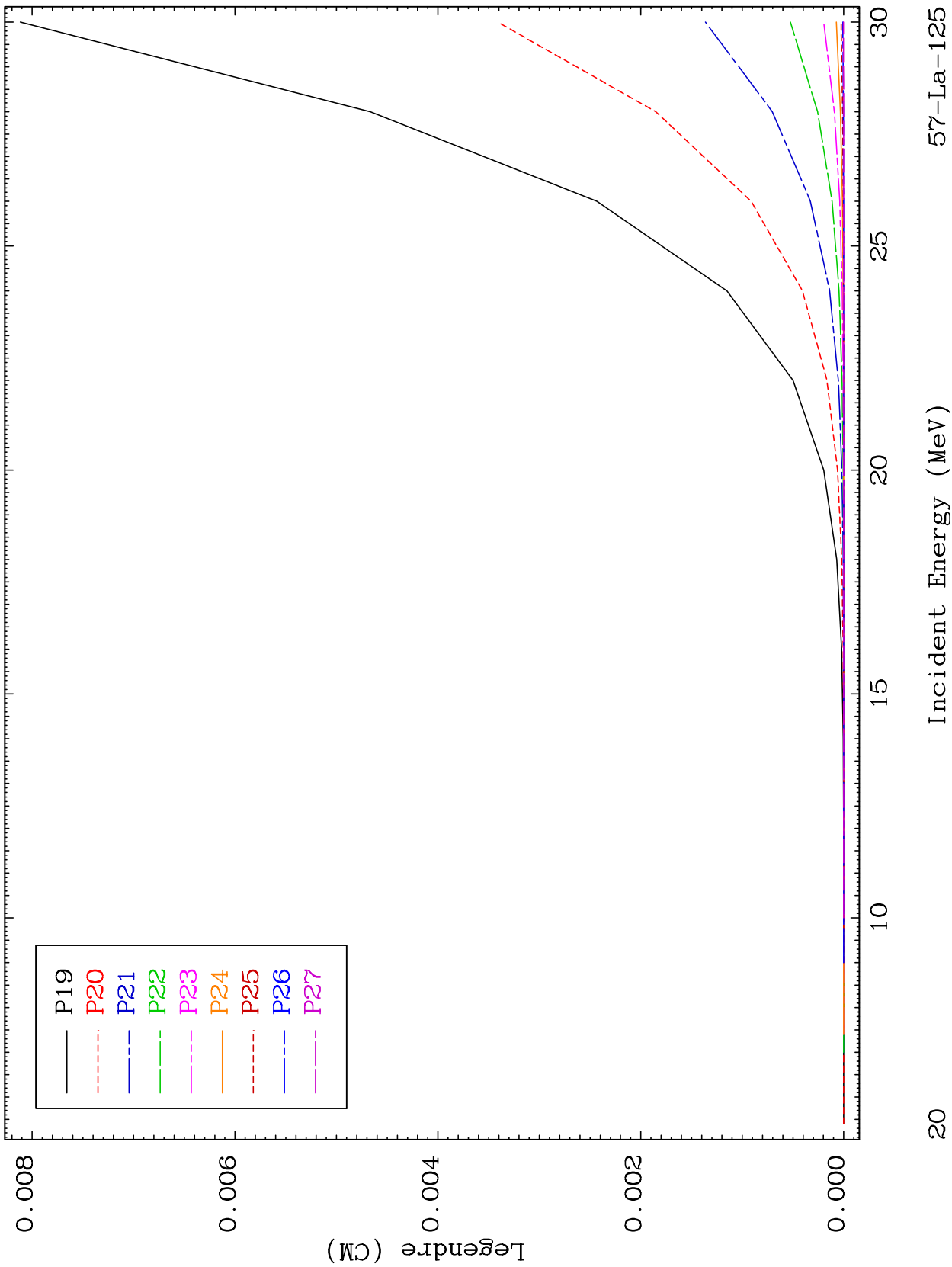
Incident Energy (MeV)

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



20

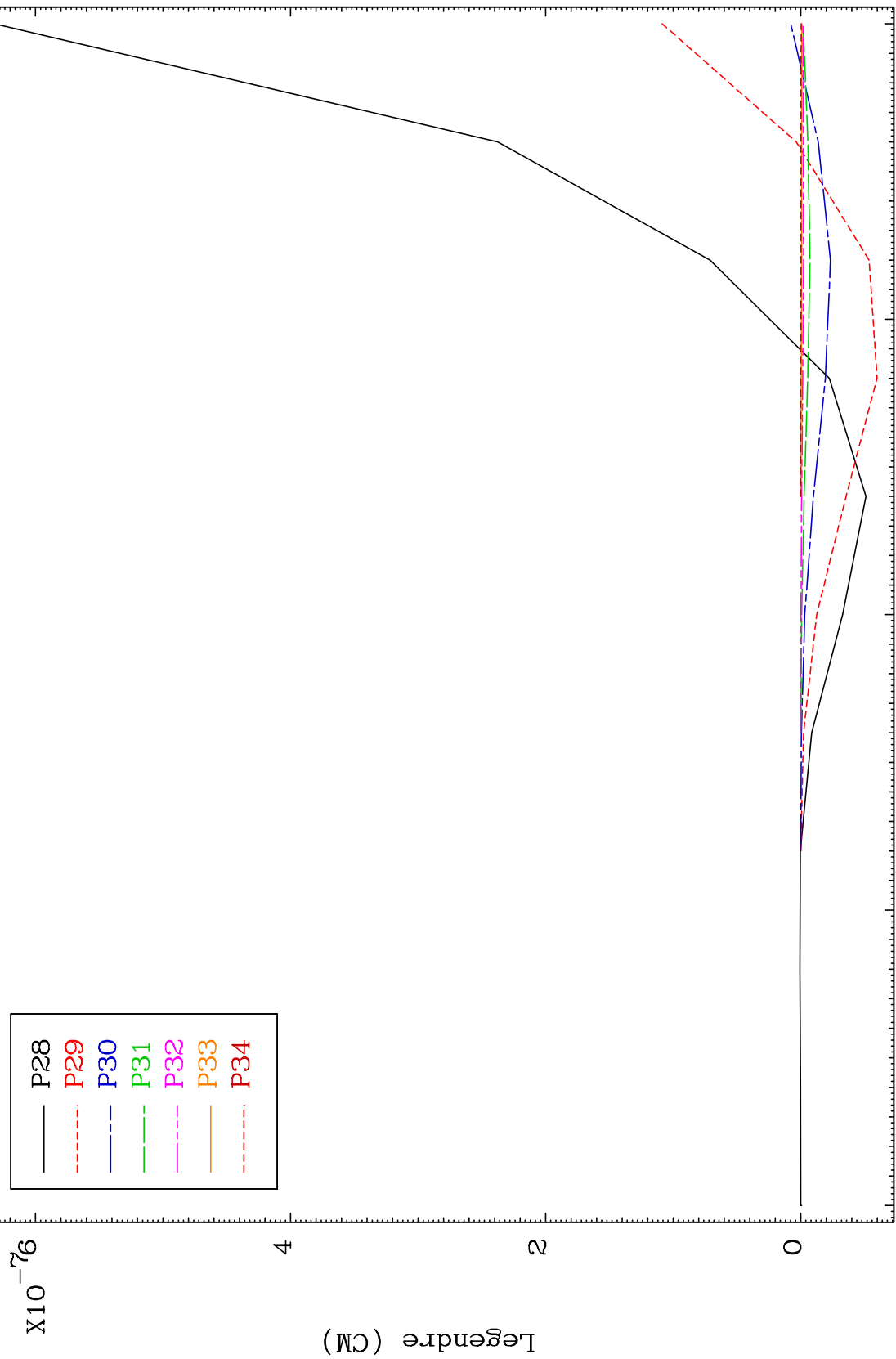
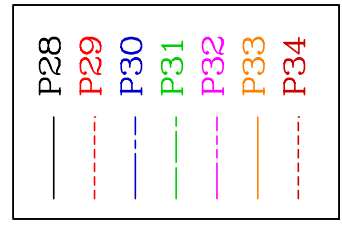
Incident Energy (MeV)

57-La-125

MAT 5686

Elastic Legendre Coefficients

57-La-125



57-La-125

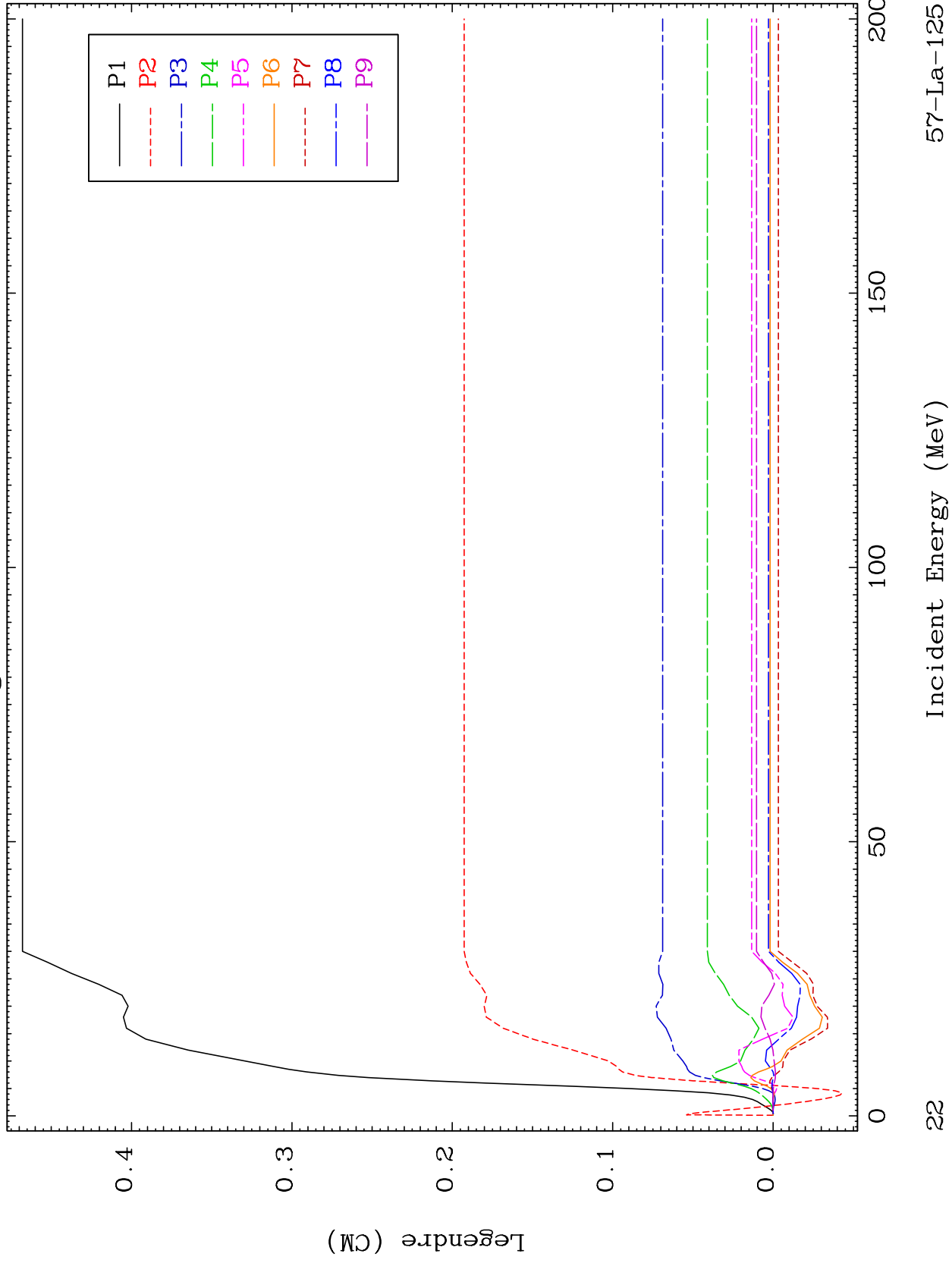
Incident Energy (MeV)

21

MAT 5686

MT= 51 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

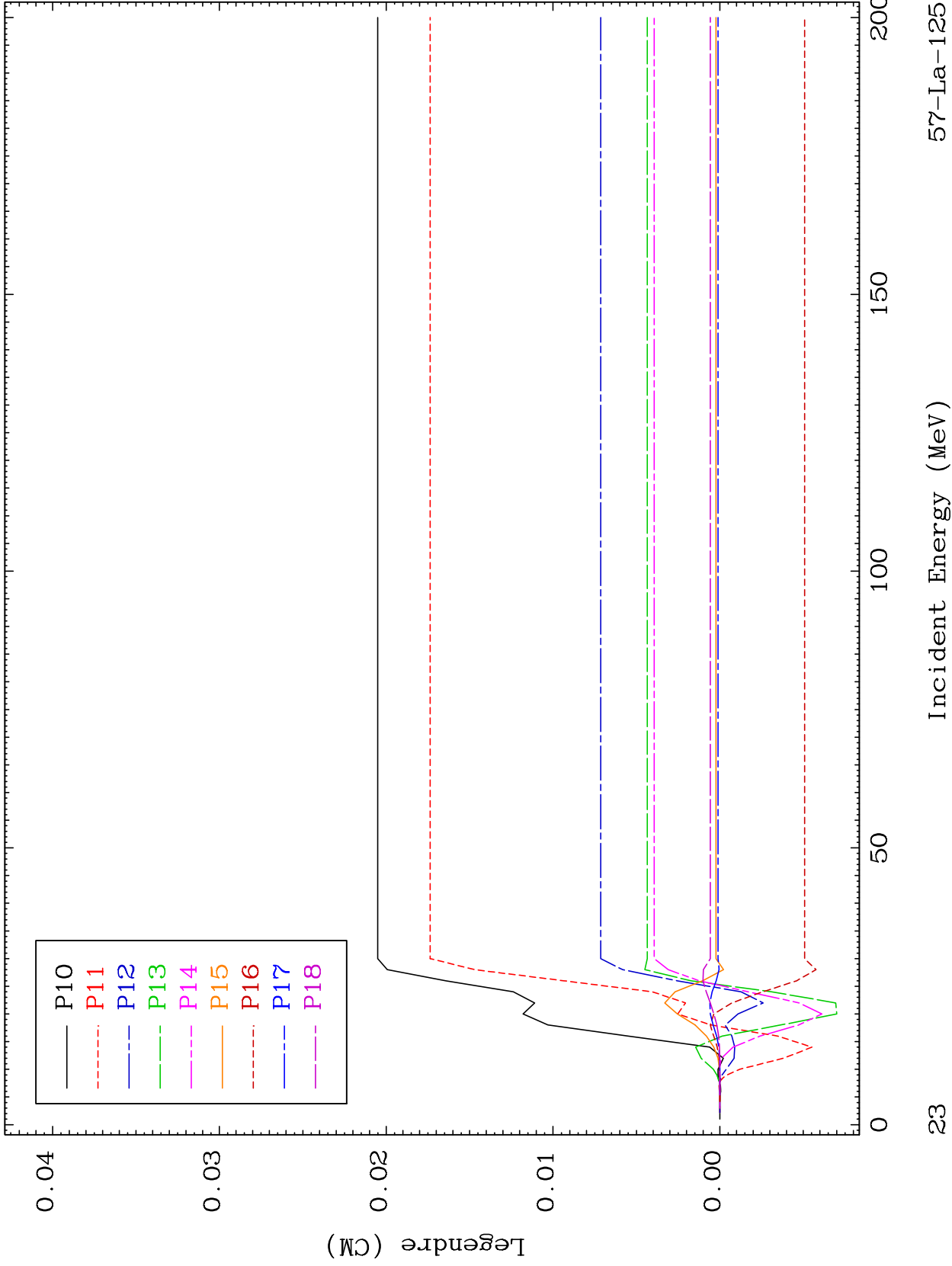
Incident Energy (MeV)

22

MAT 5686

MT= 51 (n,n') Level
Legendre Coefficients

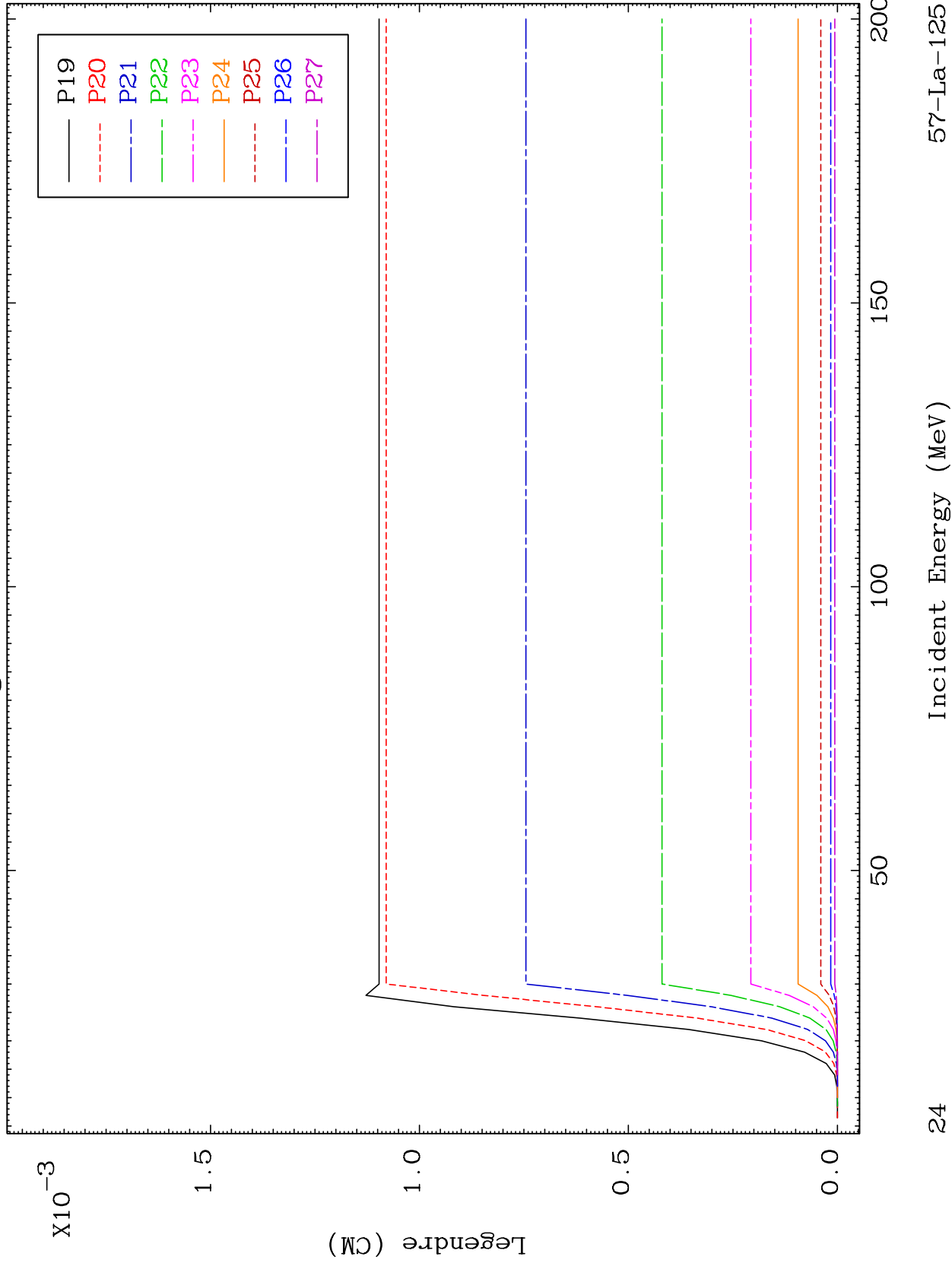
57-La-125



MAT 5686

MT= 51 (n,n') Level
Legendre Coefficients

57-La-125



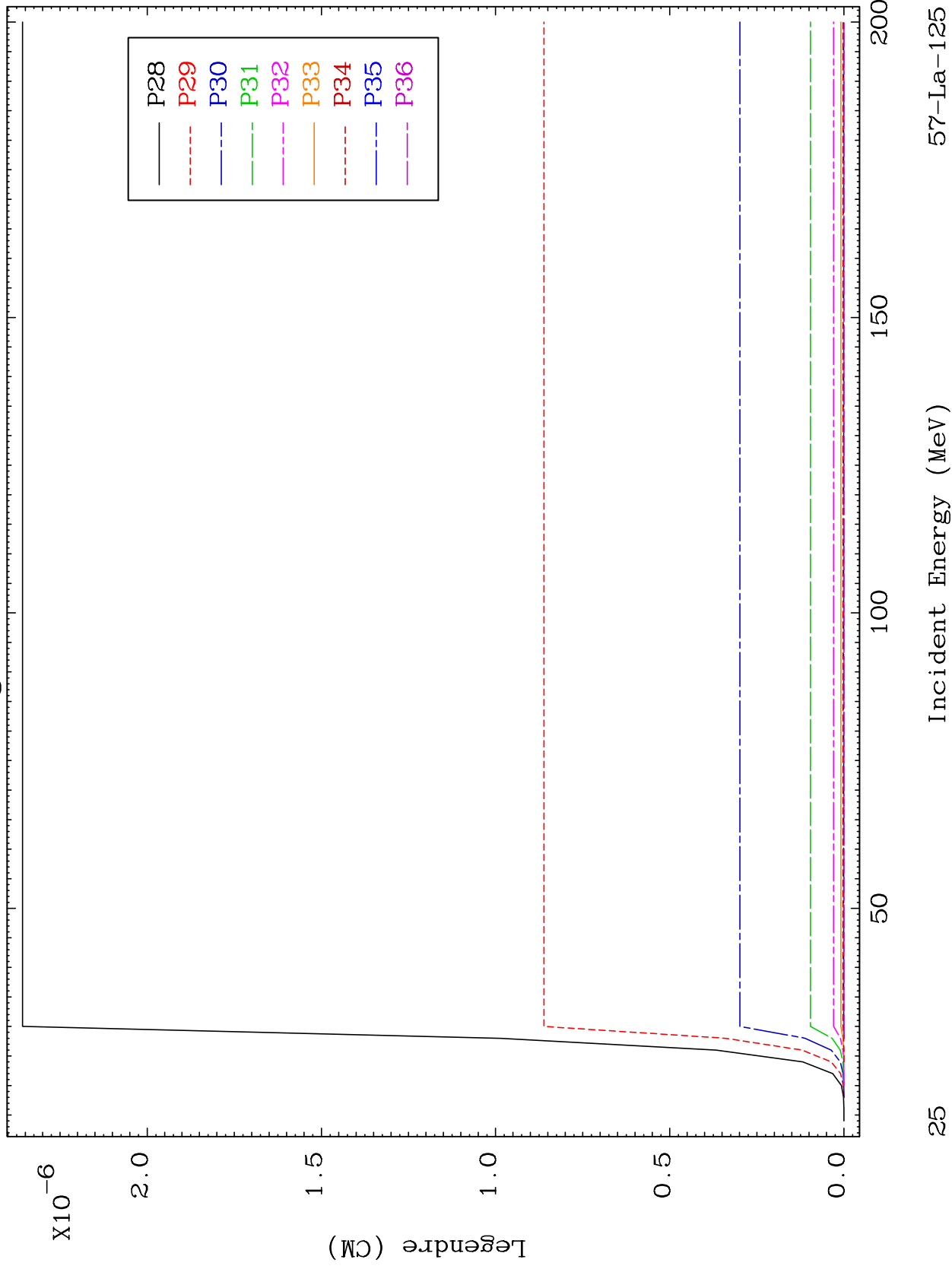
24

57-La-125

MAT 5686

MT= 51 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

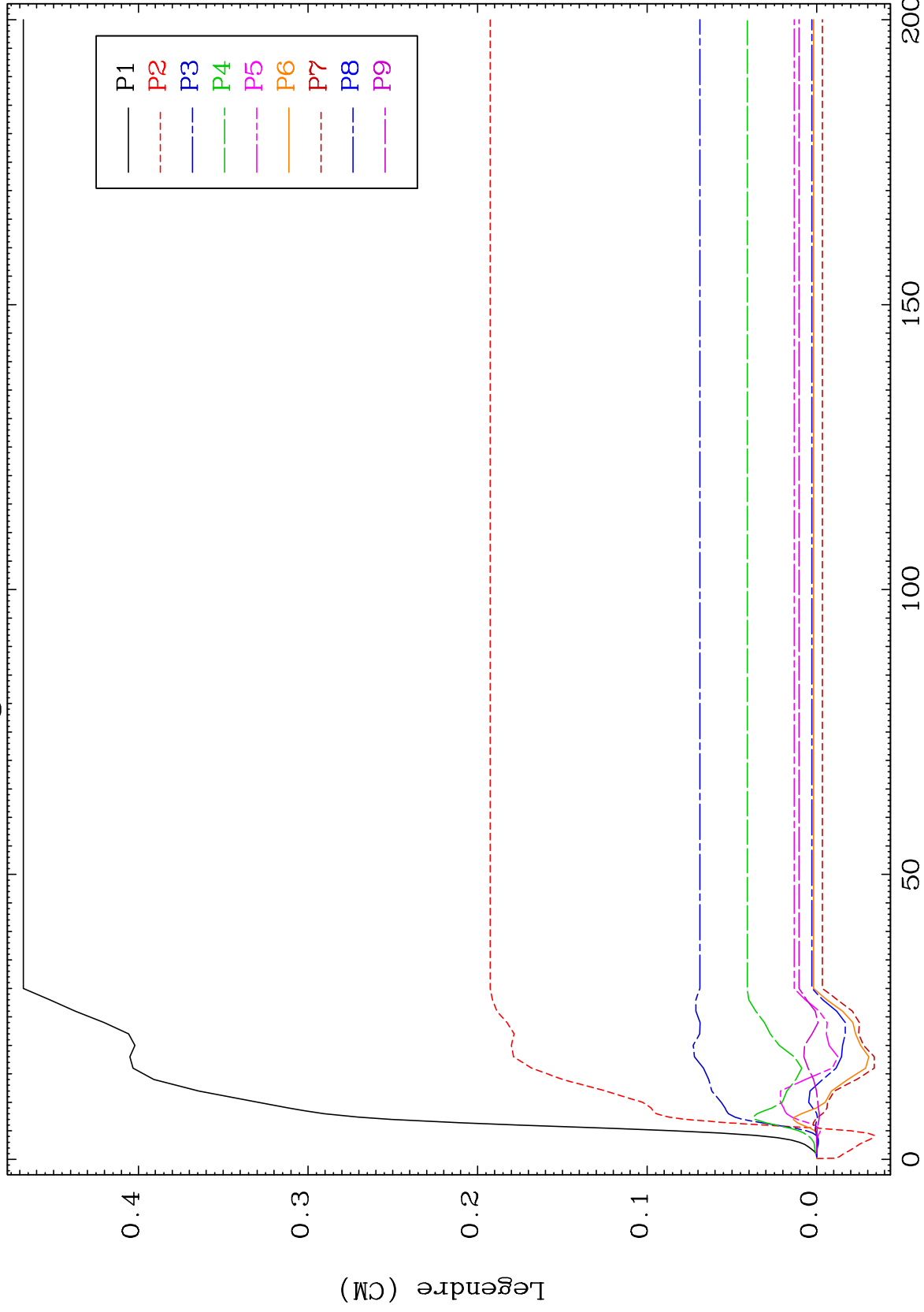
Incident Energy (MeV)

25

MAT 5686

MT= 52 (n,n') Level
Legendre Coefficients

57-La-125



26

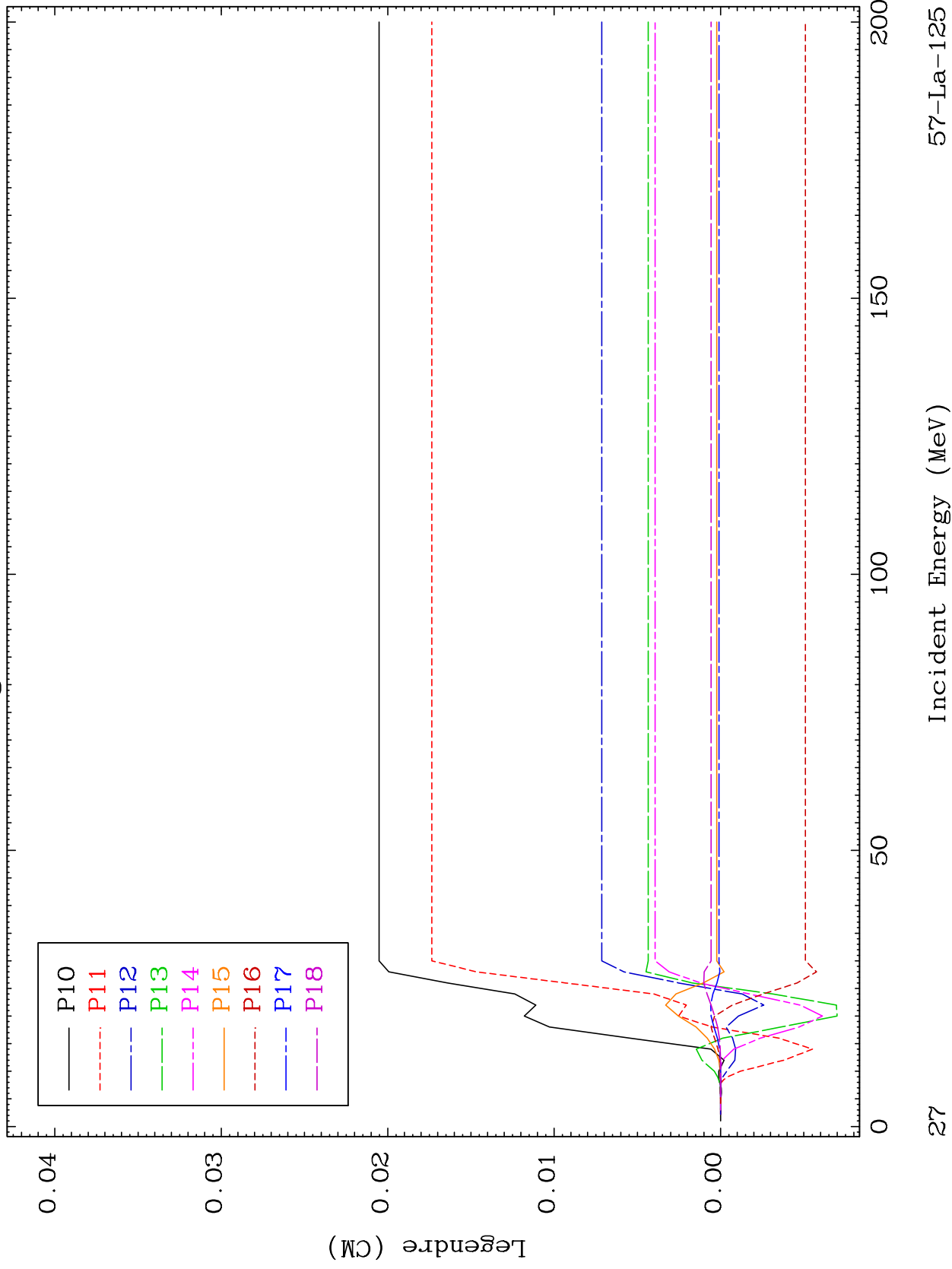
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 52 (n,n') Level
Legendre Coefficients

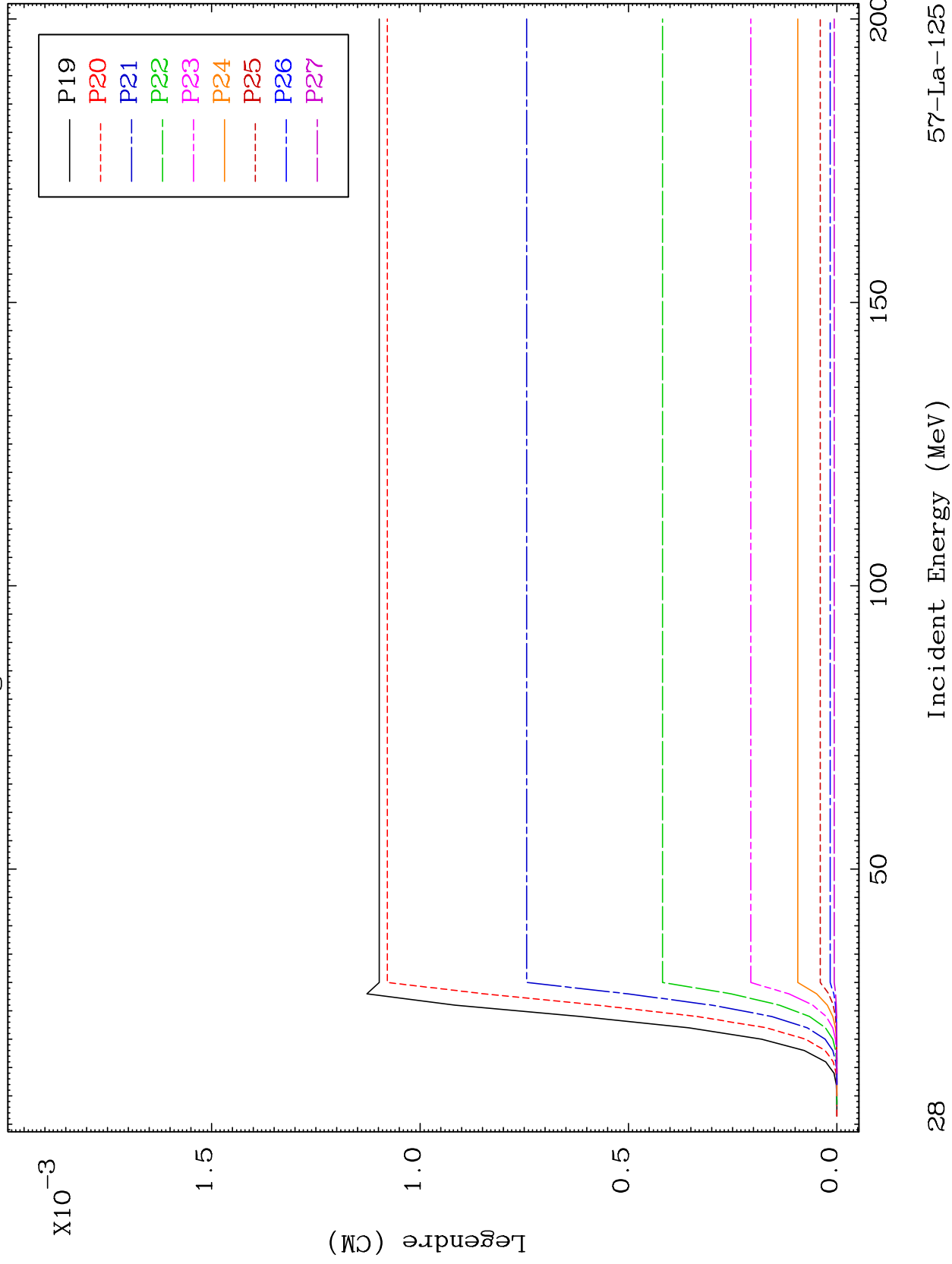
57-La-125



MAT 5686

MT= 52 (n,n') Level
Legendre Coefficients

57-La-125



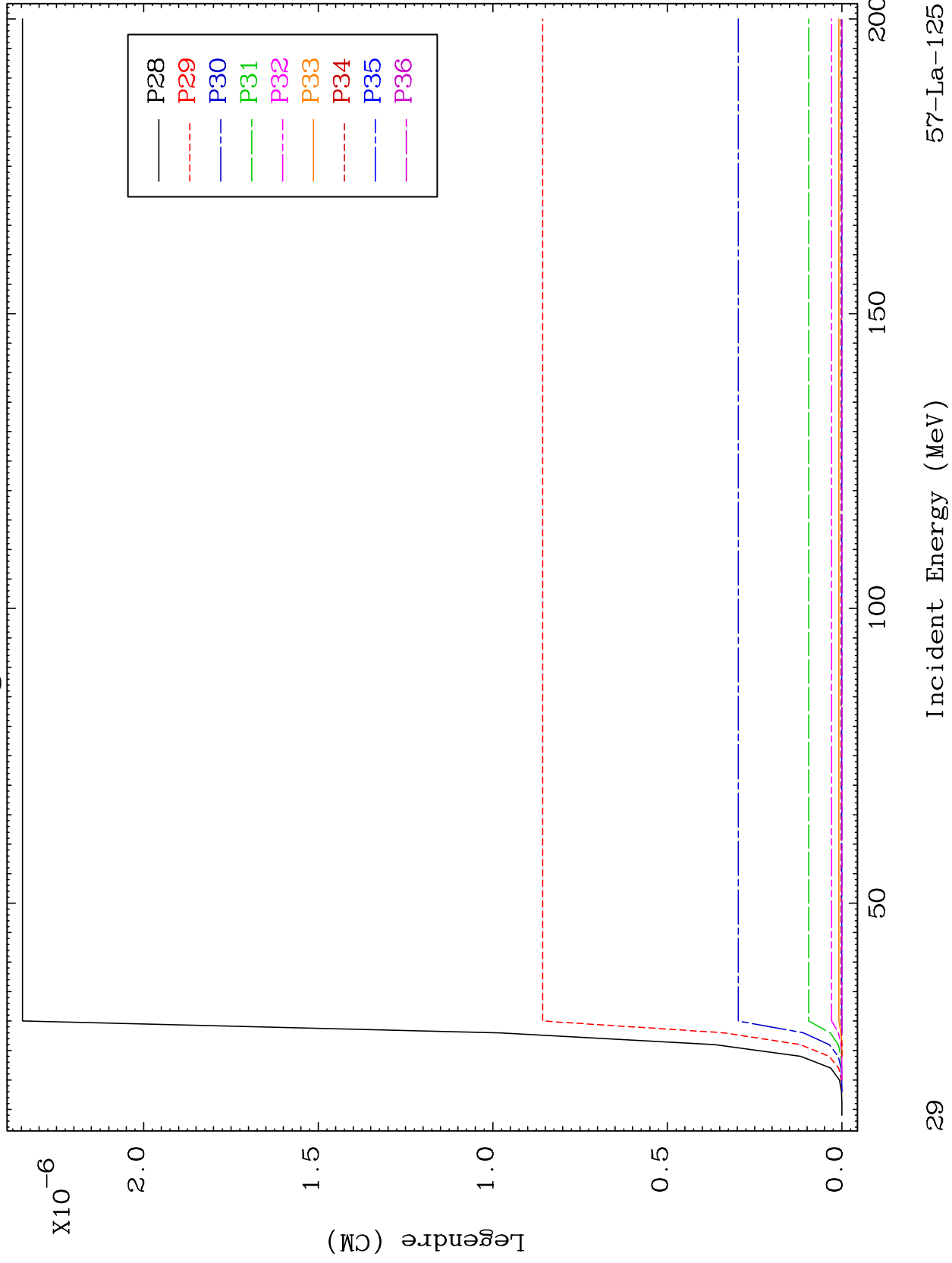
28

57-La-125

MAT 5686

MT= 52 (n,n') Level
Legendre Coefficients

57-La-125

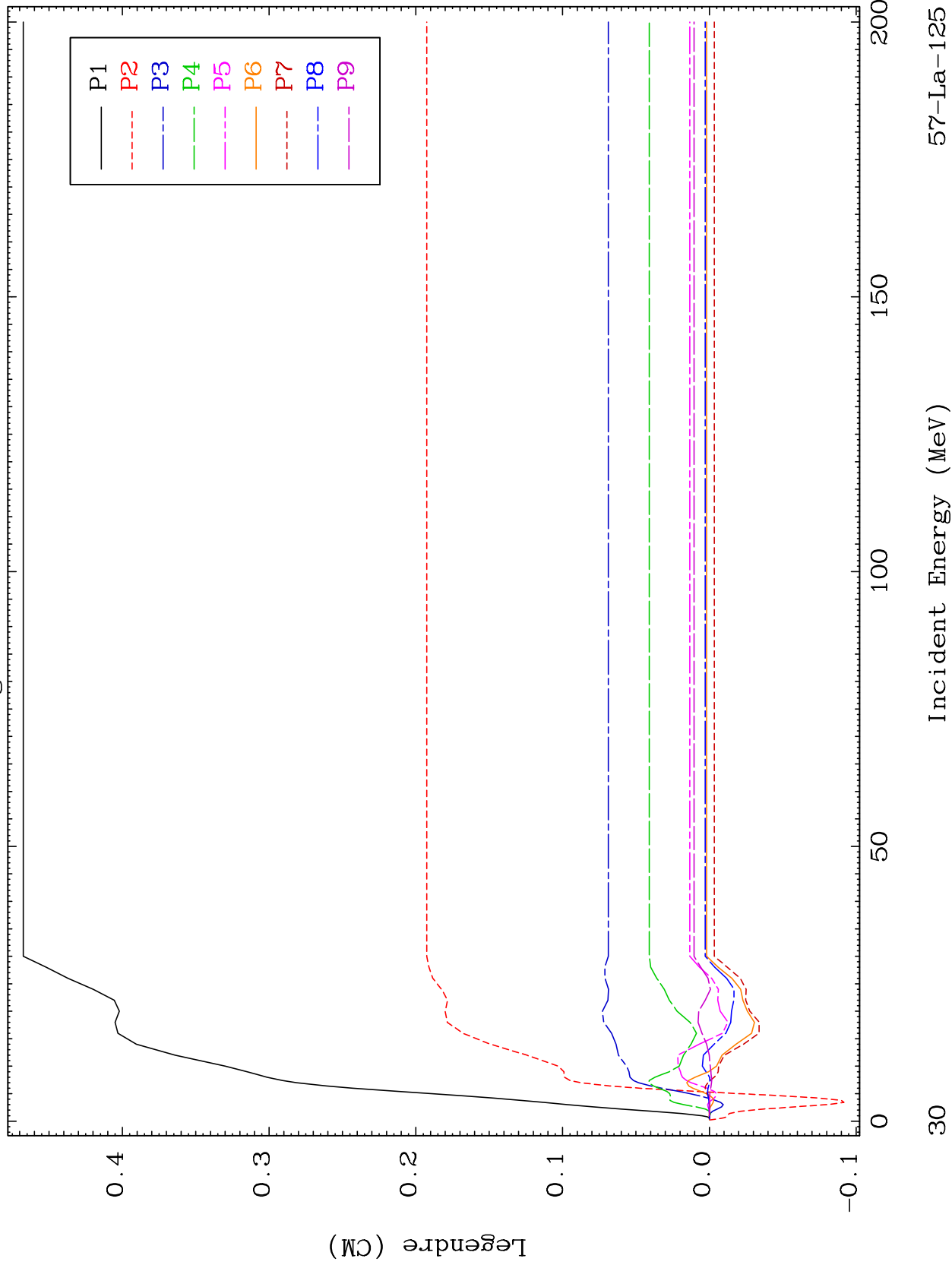


29

MAT 5686

MT= 53 (n,n') Level
Legendre Coefficients

57-La-125

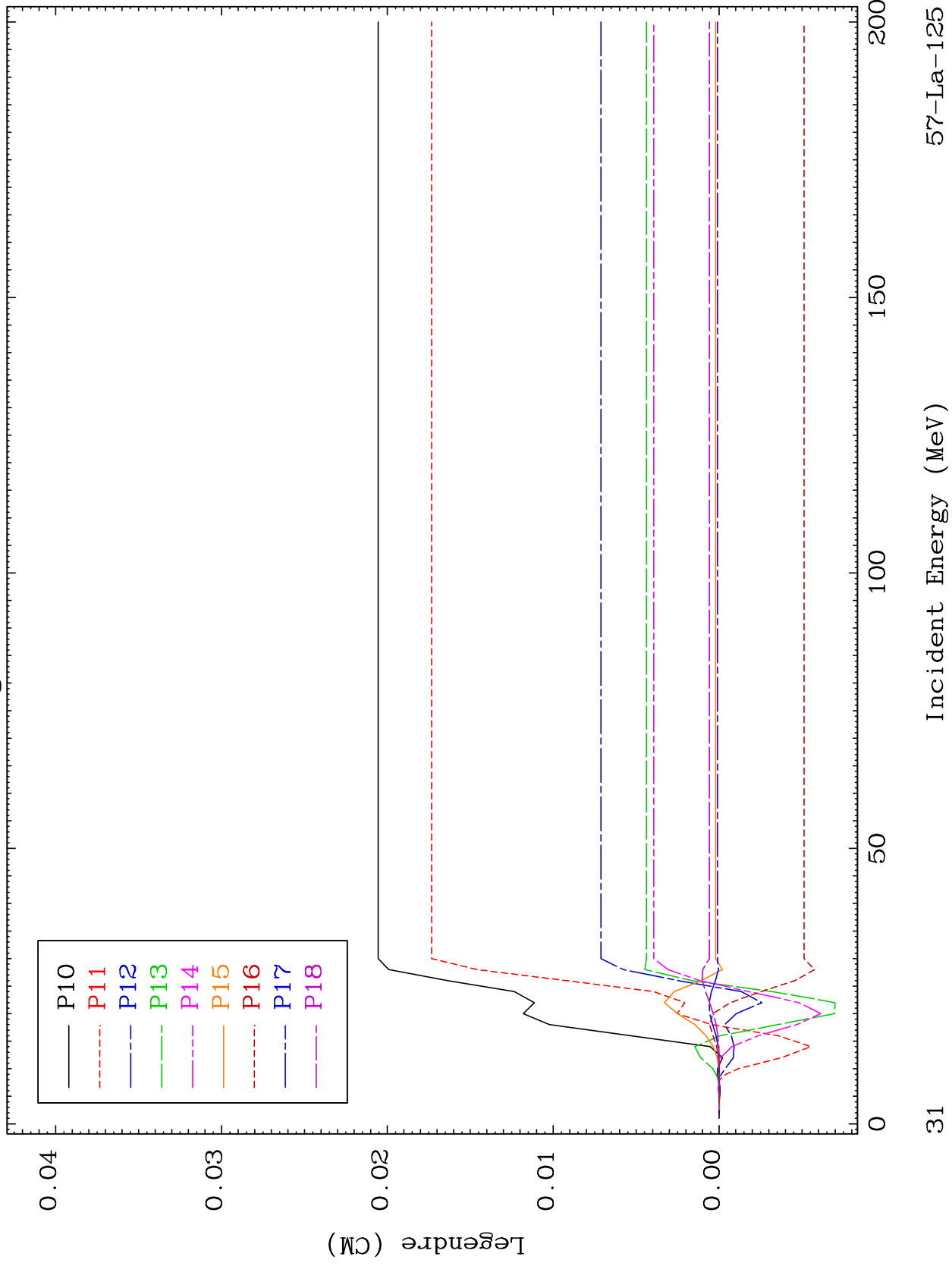


57-La-125

MAT 5686

MT= 53 (n,n') Level
Legendre Coefficients

57-La-125



31

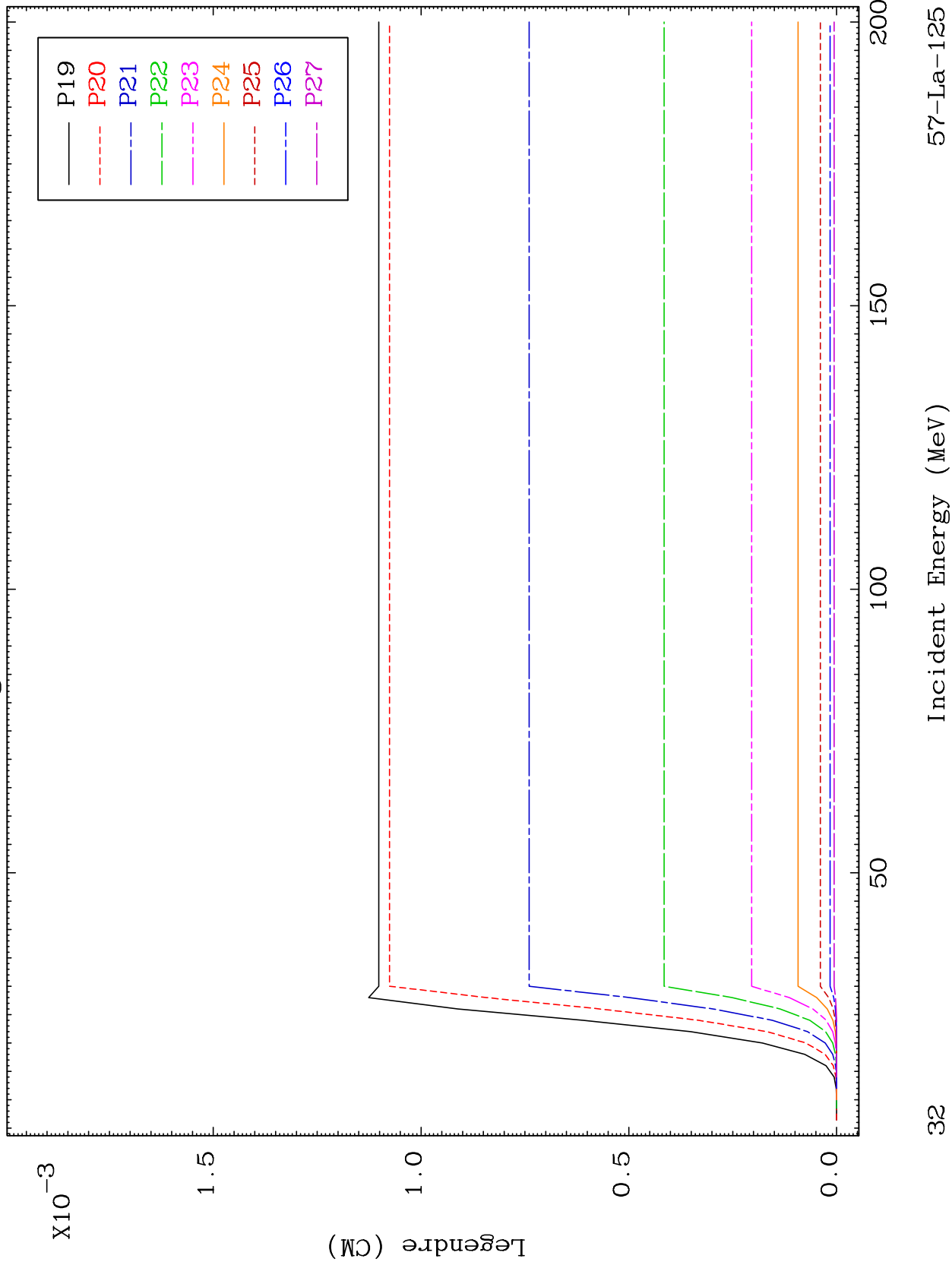
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 53 (n,n') Level
Legendre Coefficients

57-La-125



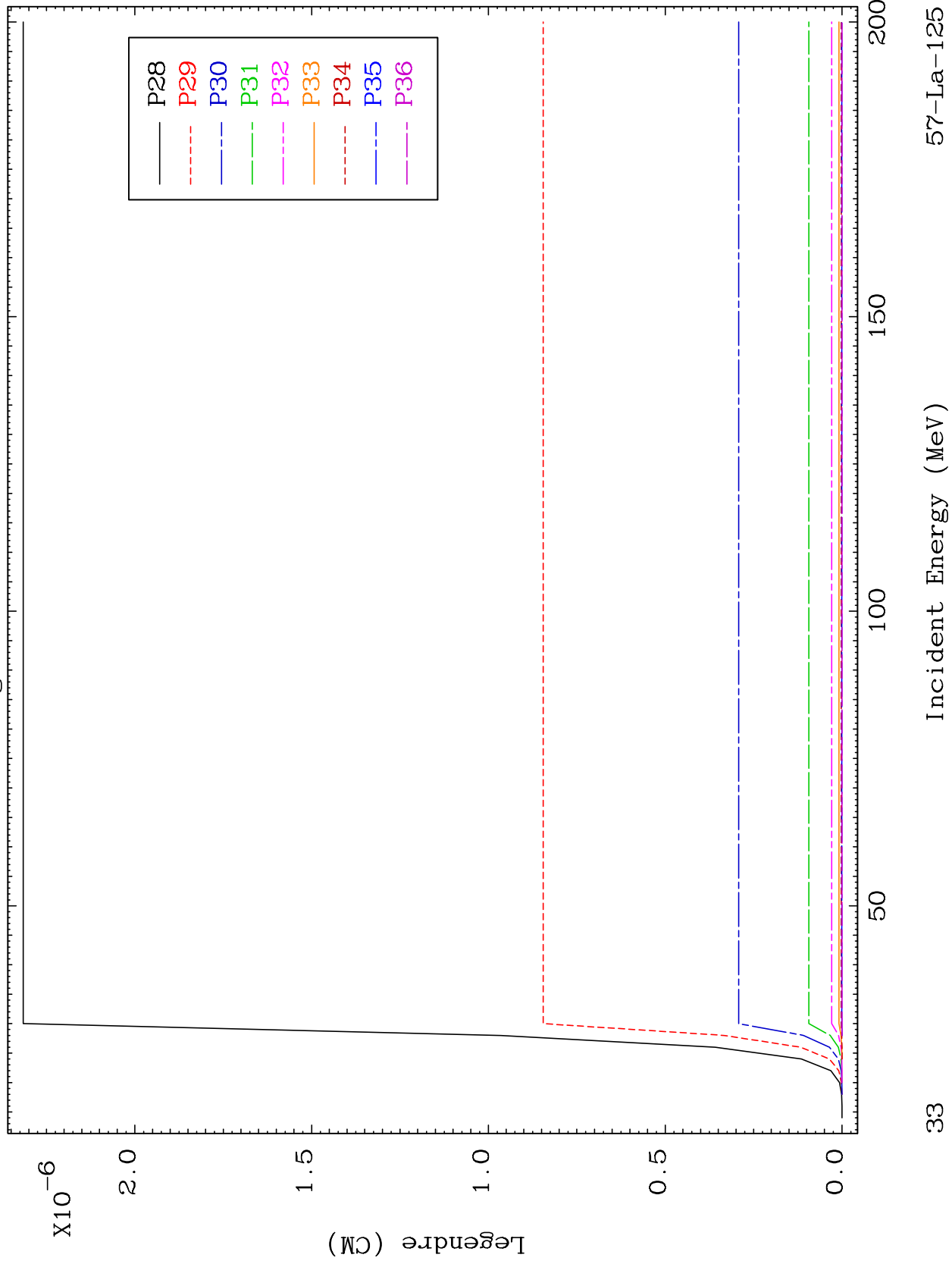
32

57-La-125

MAT 5686

MT= 53 (n,n') Level
Legendre Coefficients

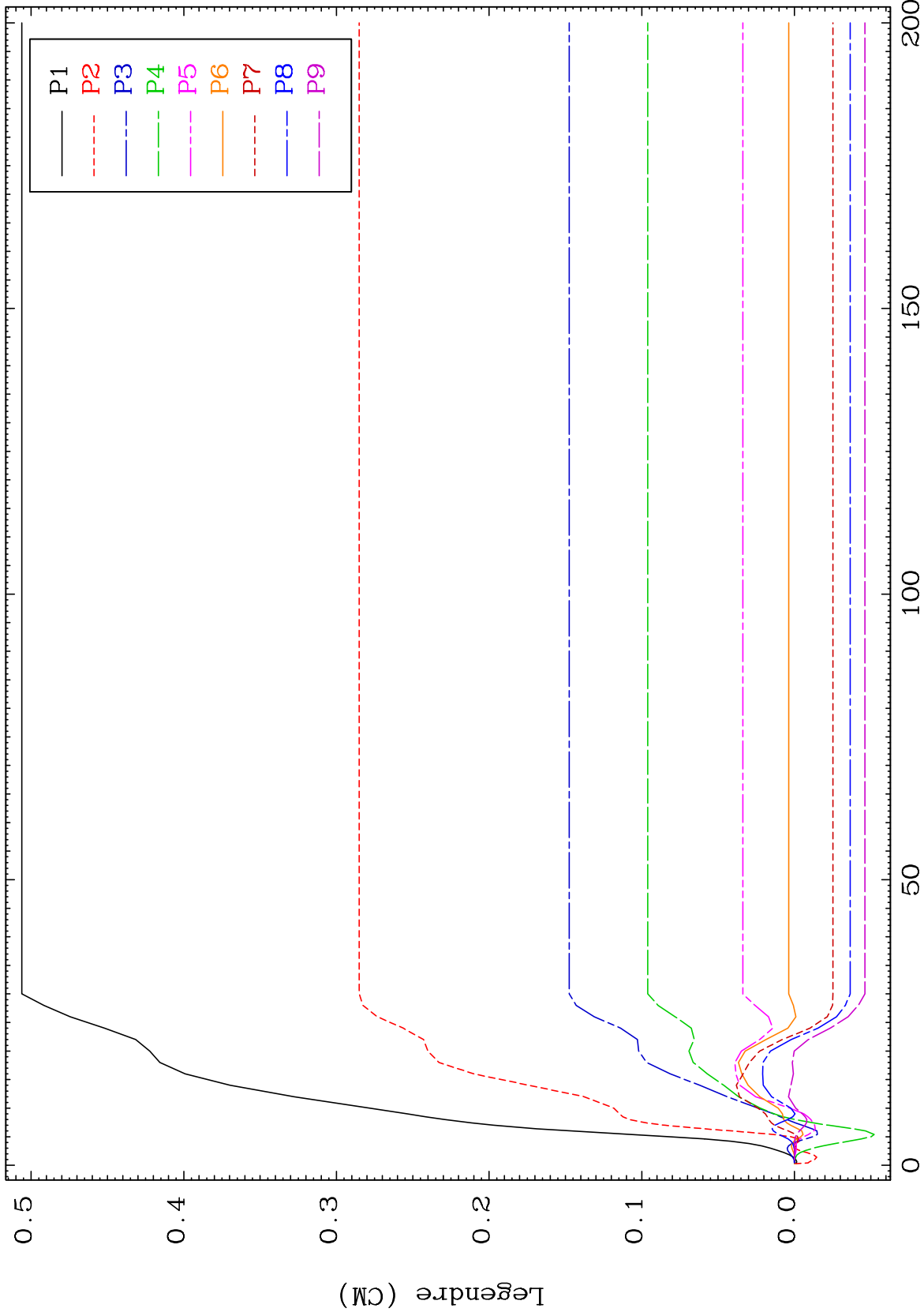
57-La-125



MAT 5686

MT= 54 (n,n') Level
Legendre Coefficients

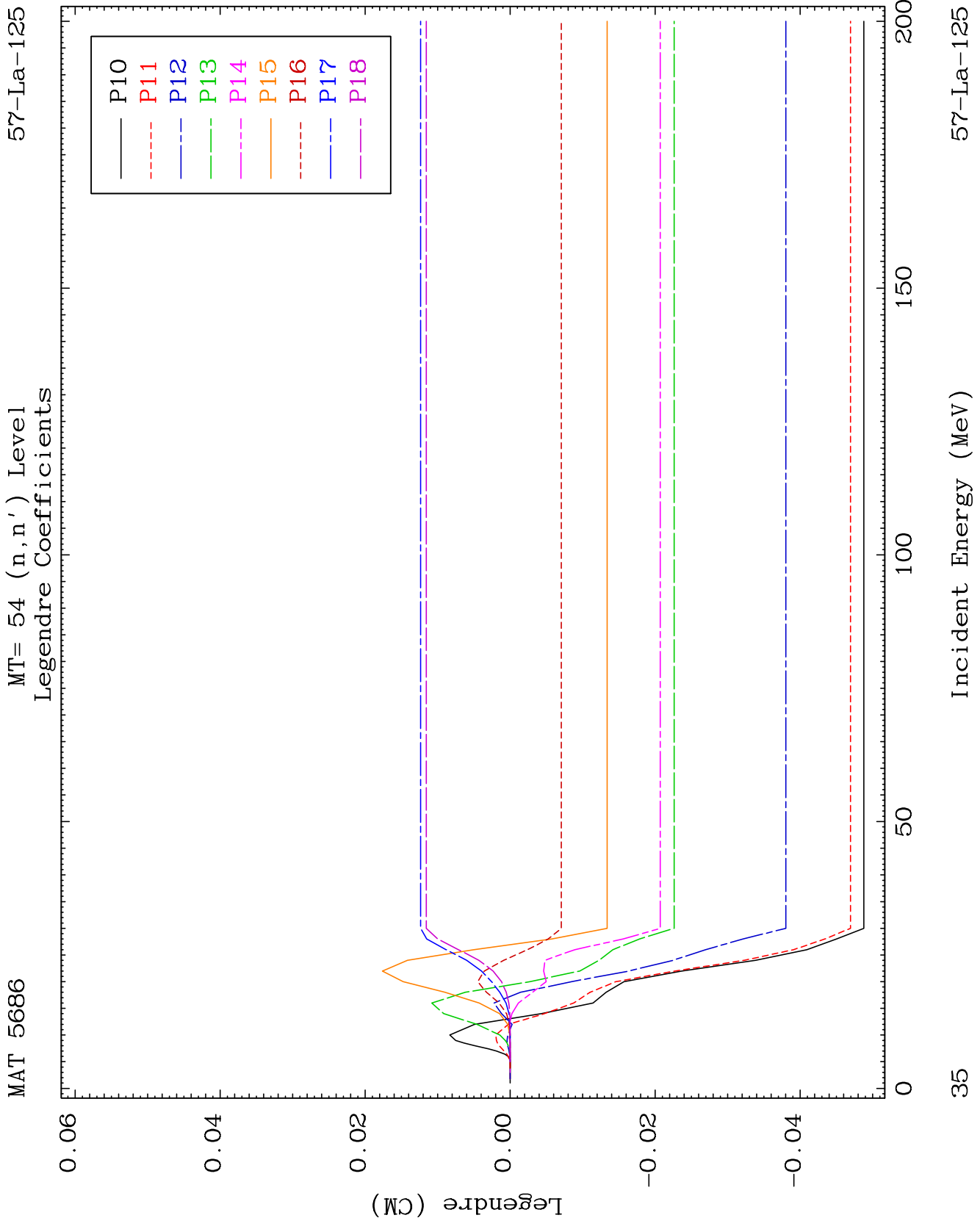
57-La-125



34

Incident Energy (MeV)

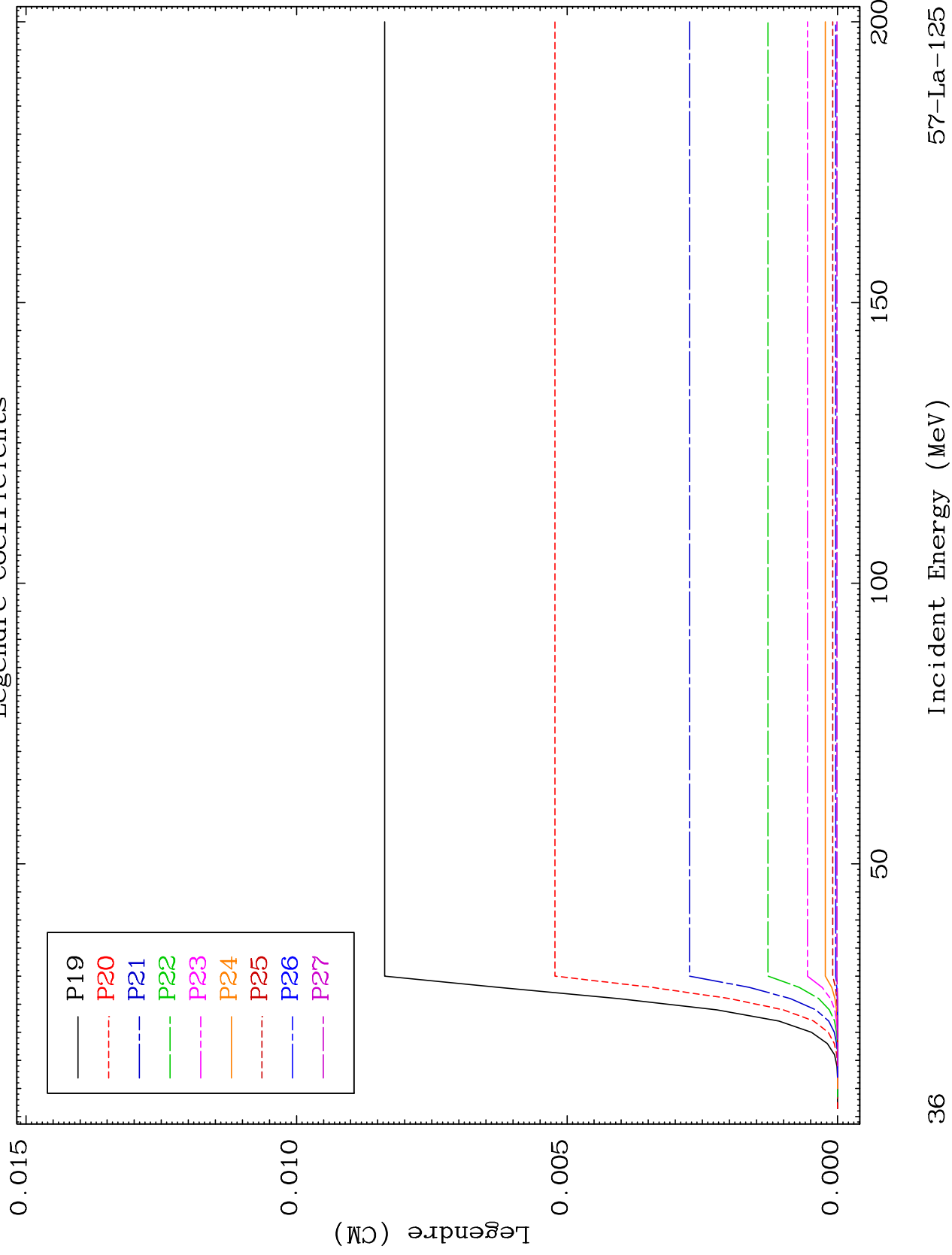
57-La-125



MAT 5686

MT= 54 (n,n') Level
Legendre Coefficients

57-La-125



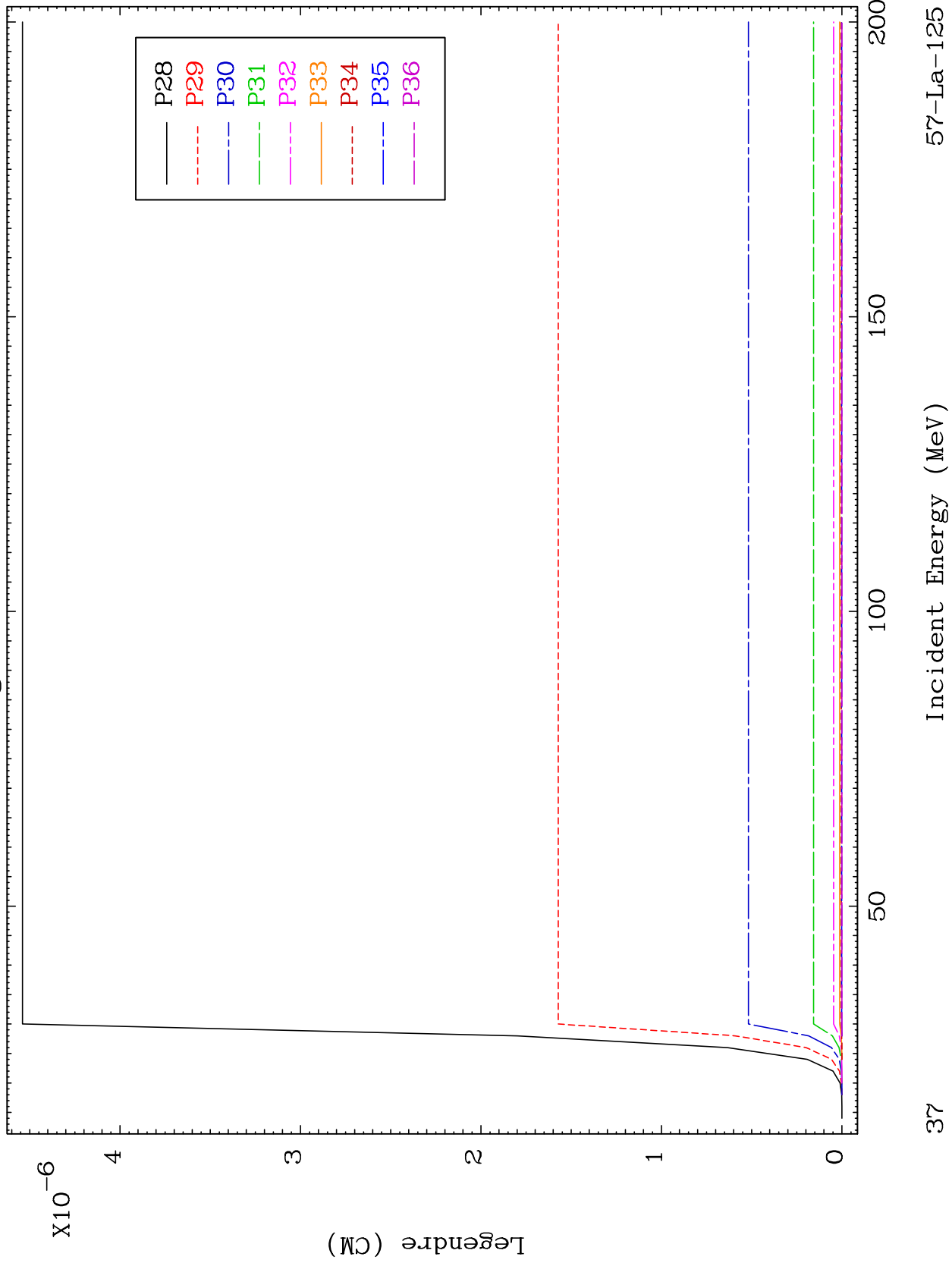
36

57-La-125

MAT 5686

MT= 54 (n,n') Level
Legendre Coefficients

57-La-125



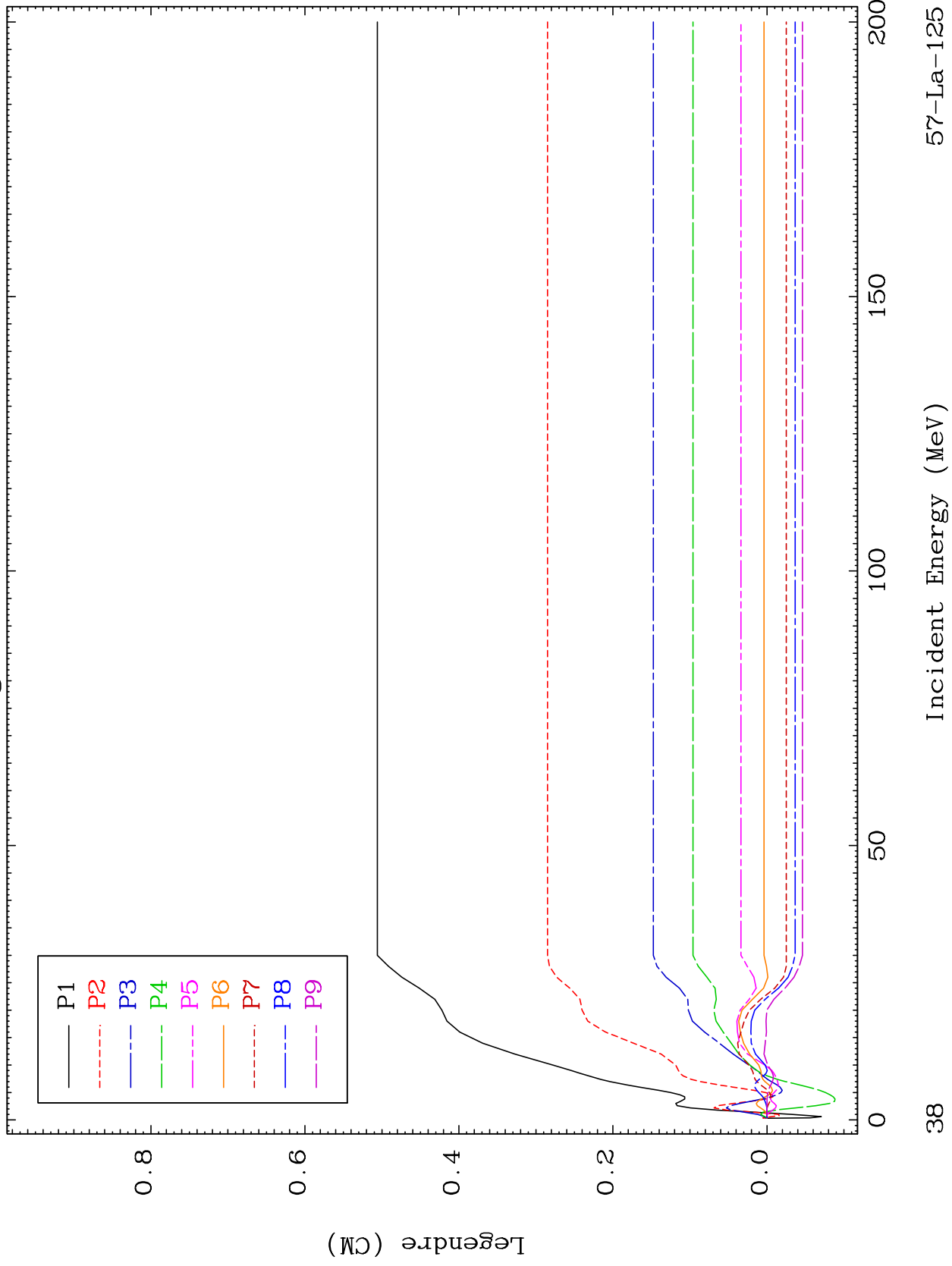
37

57-La-125

MAT 5686

MT= 55 (n,n') Level
Legendre Coefficients

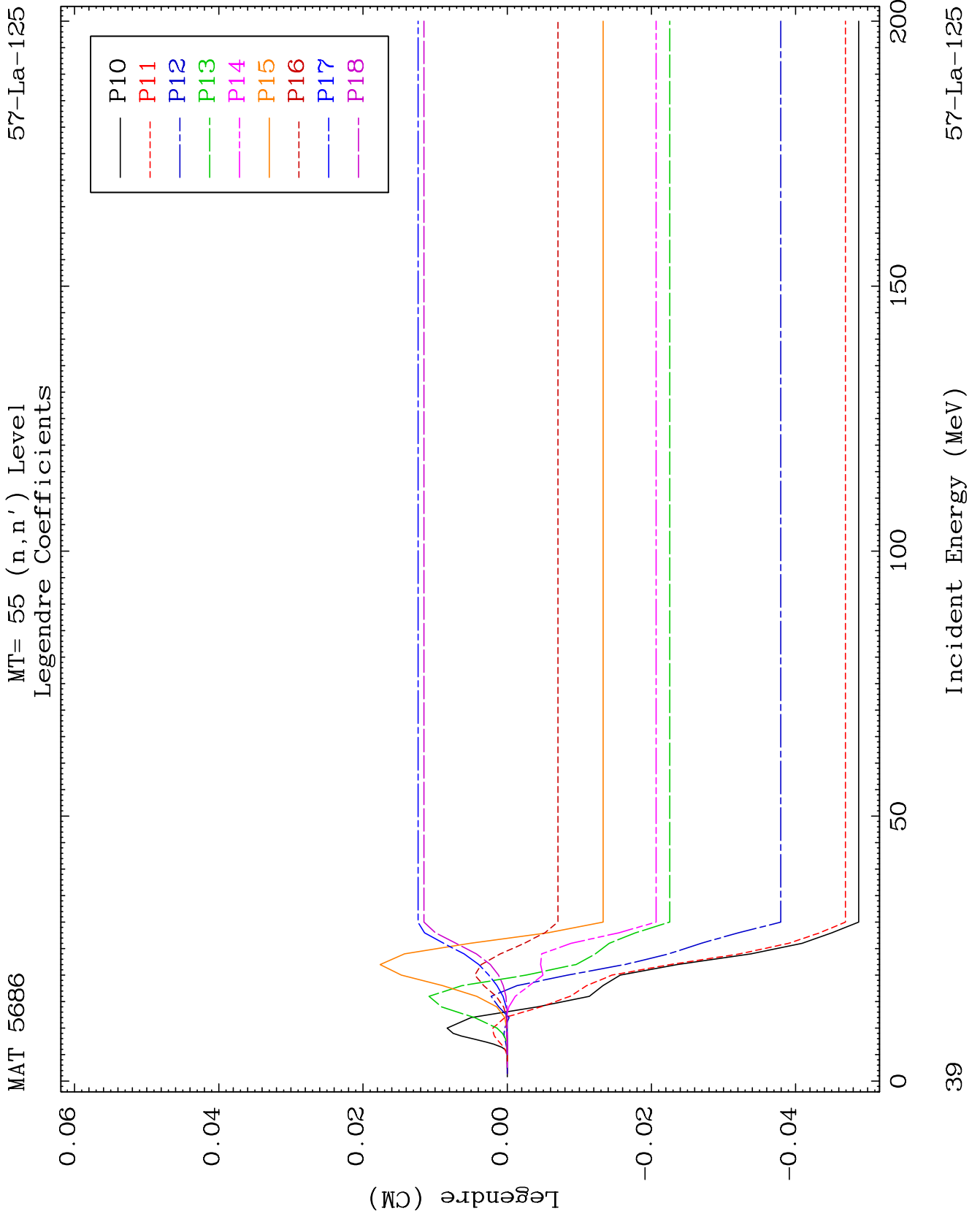
57-La-125

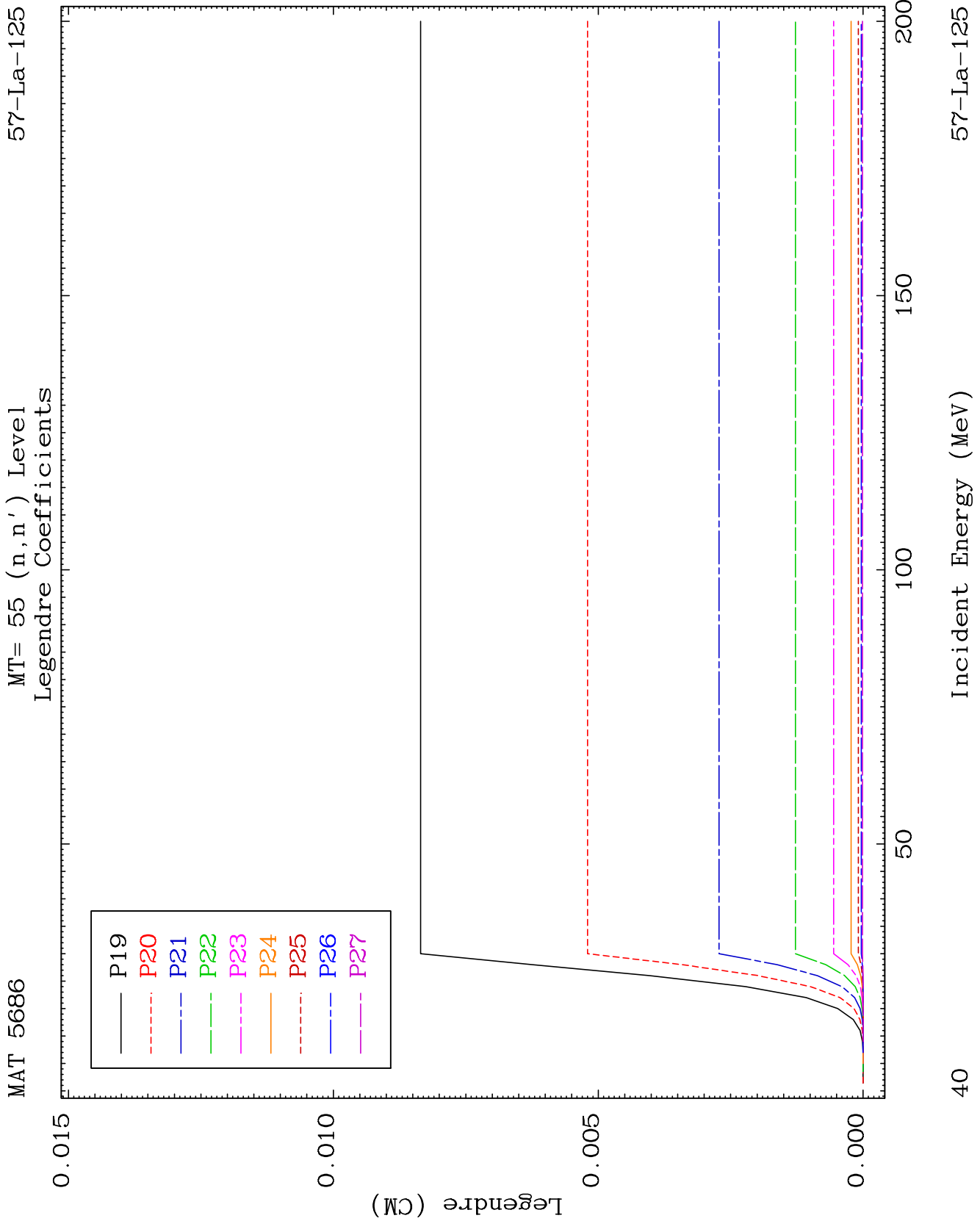


57-La-125

Incident Energy (MeV)

38

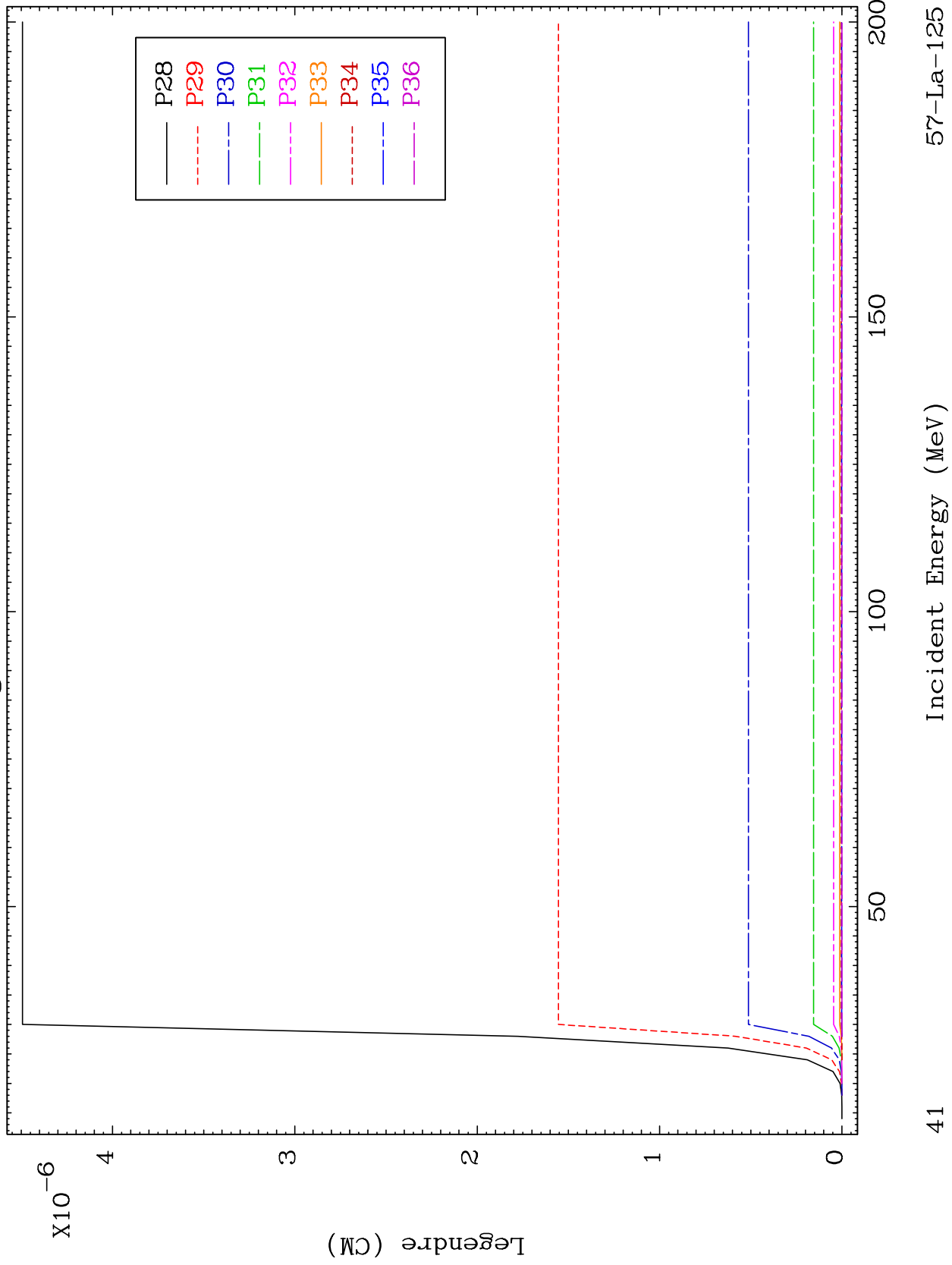




MAT 5686

MT= 55 (n,n') Level
Legendre Coefficients

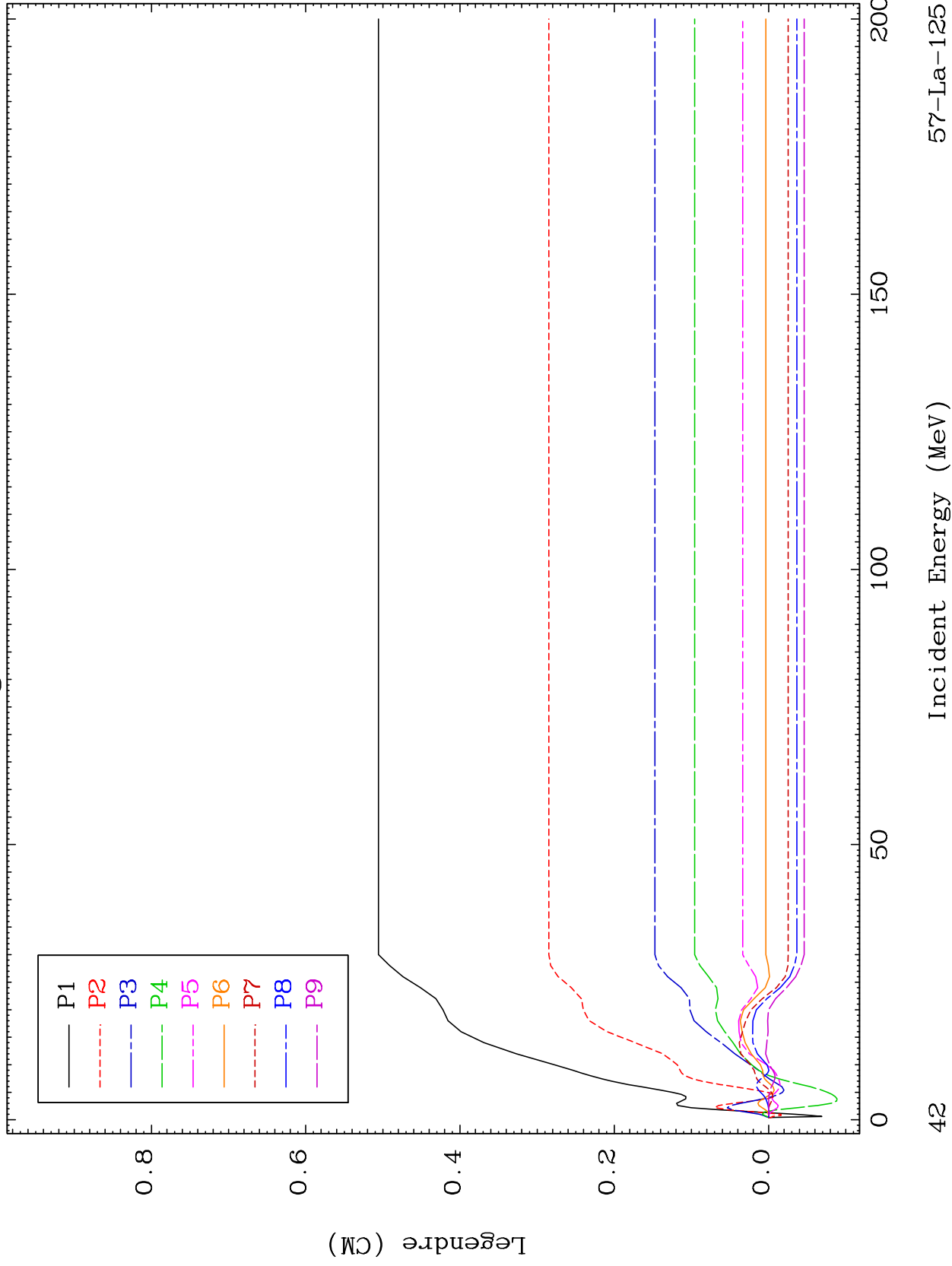
57-La-125



MAT 5686

MT= 56 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

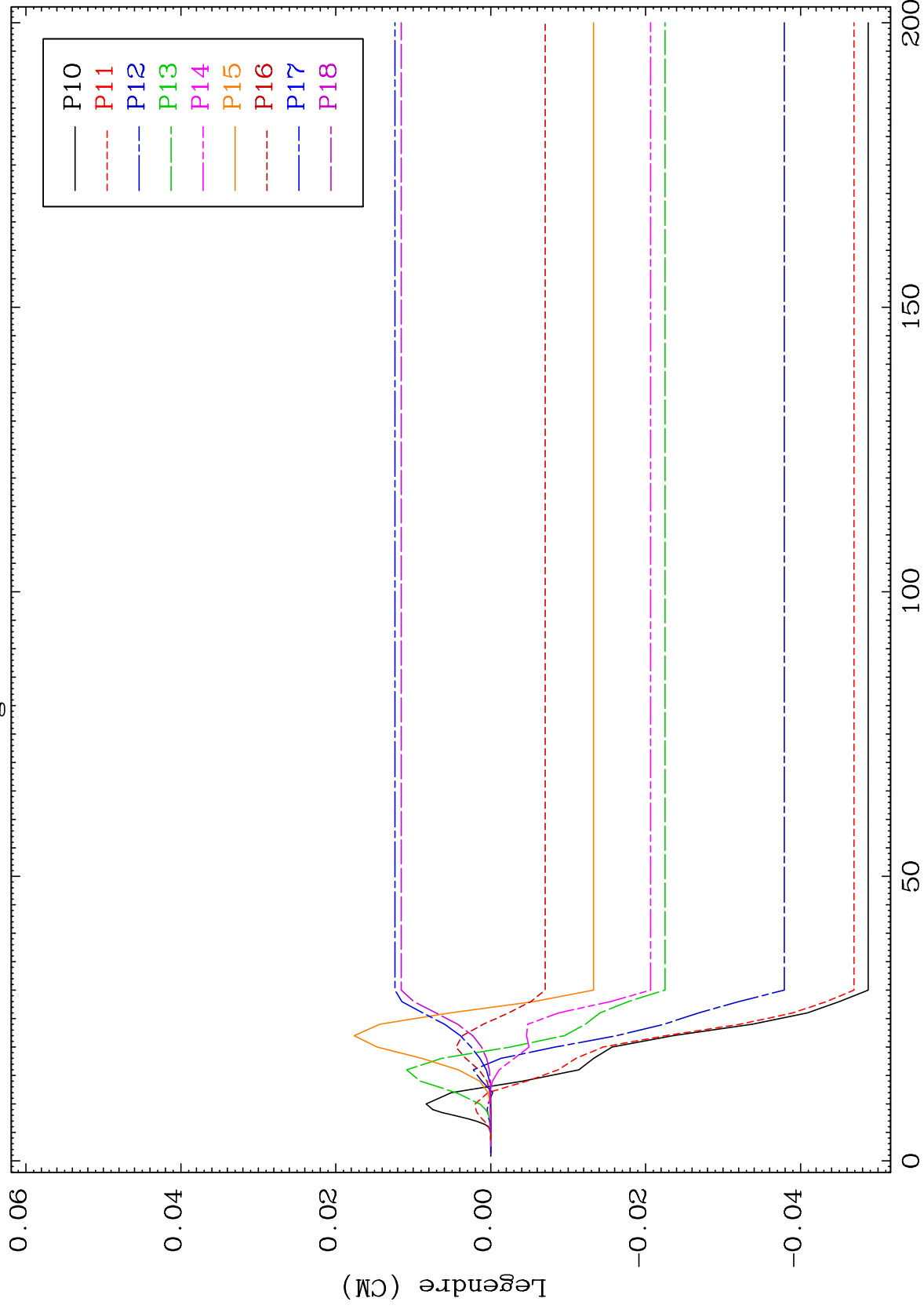
Incident Energy (MeV)

42

MAT 5686

MT= 56 (n,n') Level
Legendre Coefficients

57-La-125



43

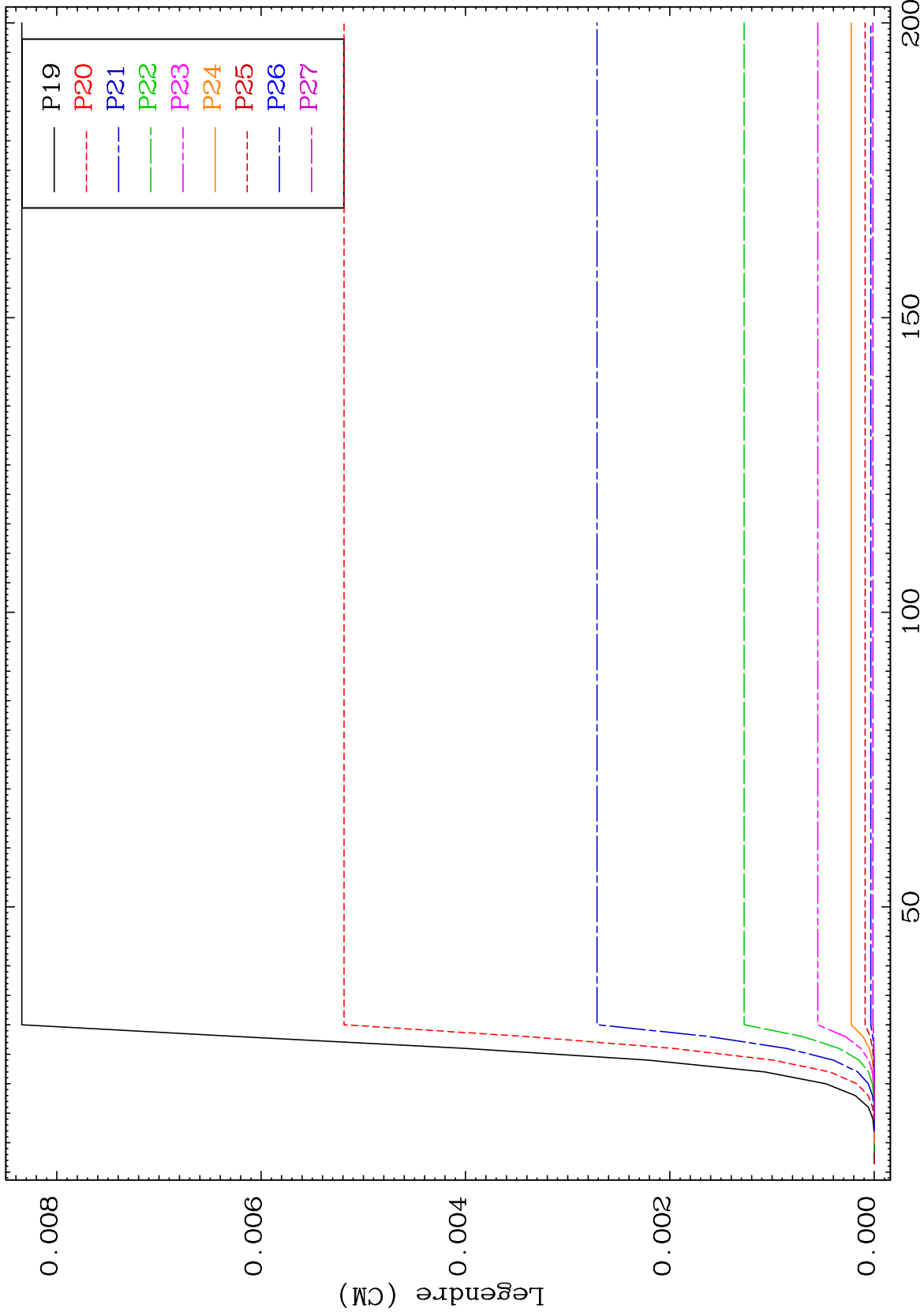
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 56 (n,n') Level
Legendre Coefficients

57-La-125



44

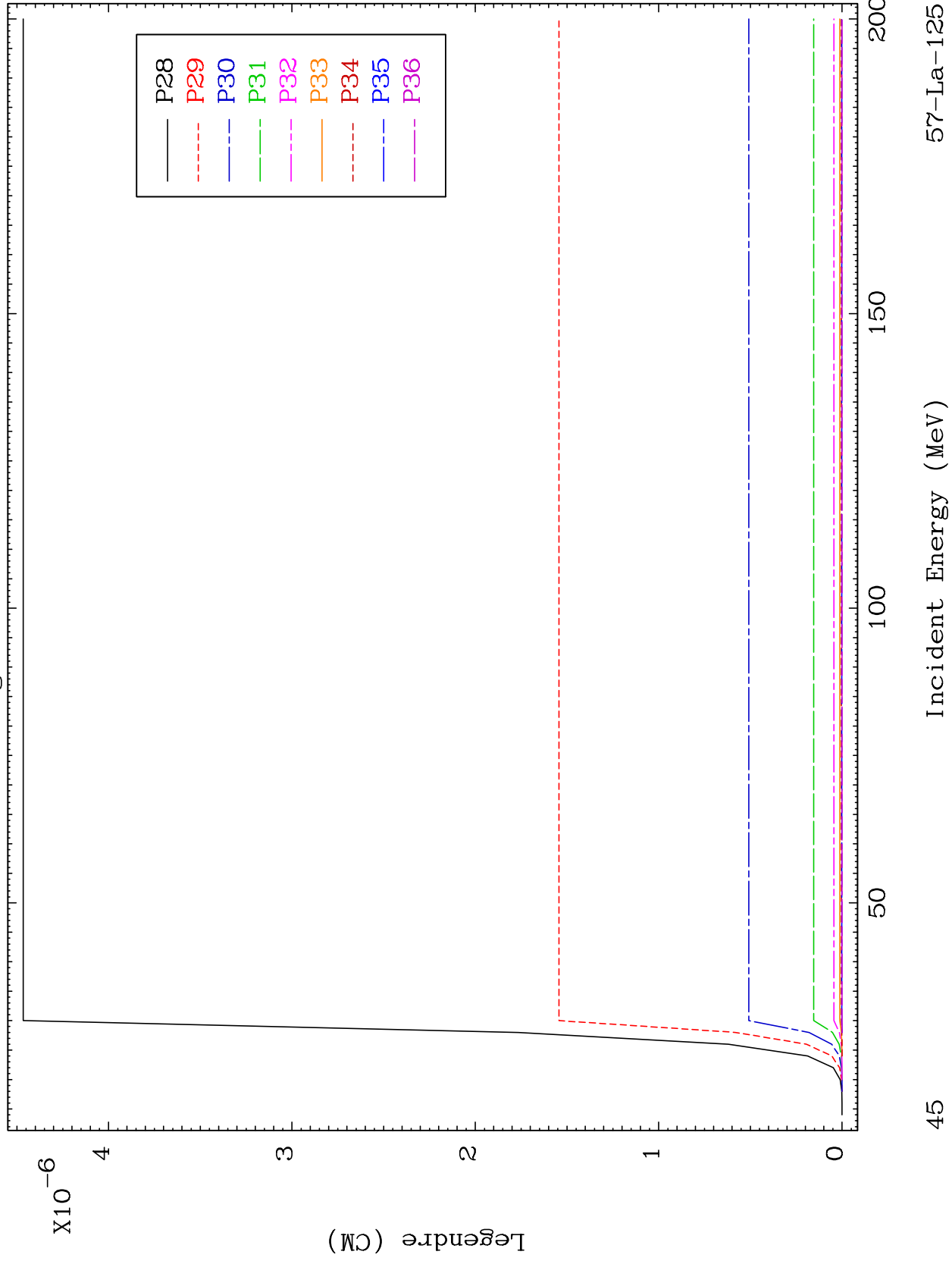
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 56 (n,n') Level
Legendre Coefficients

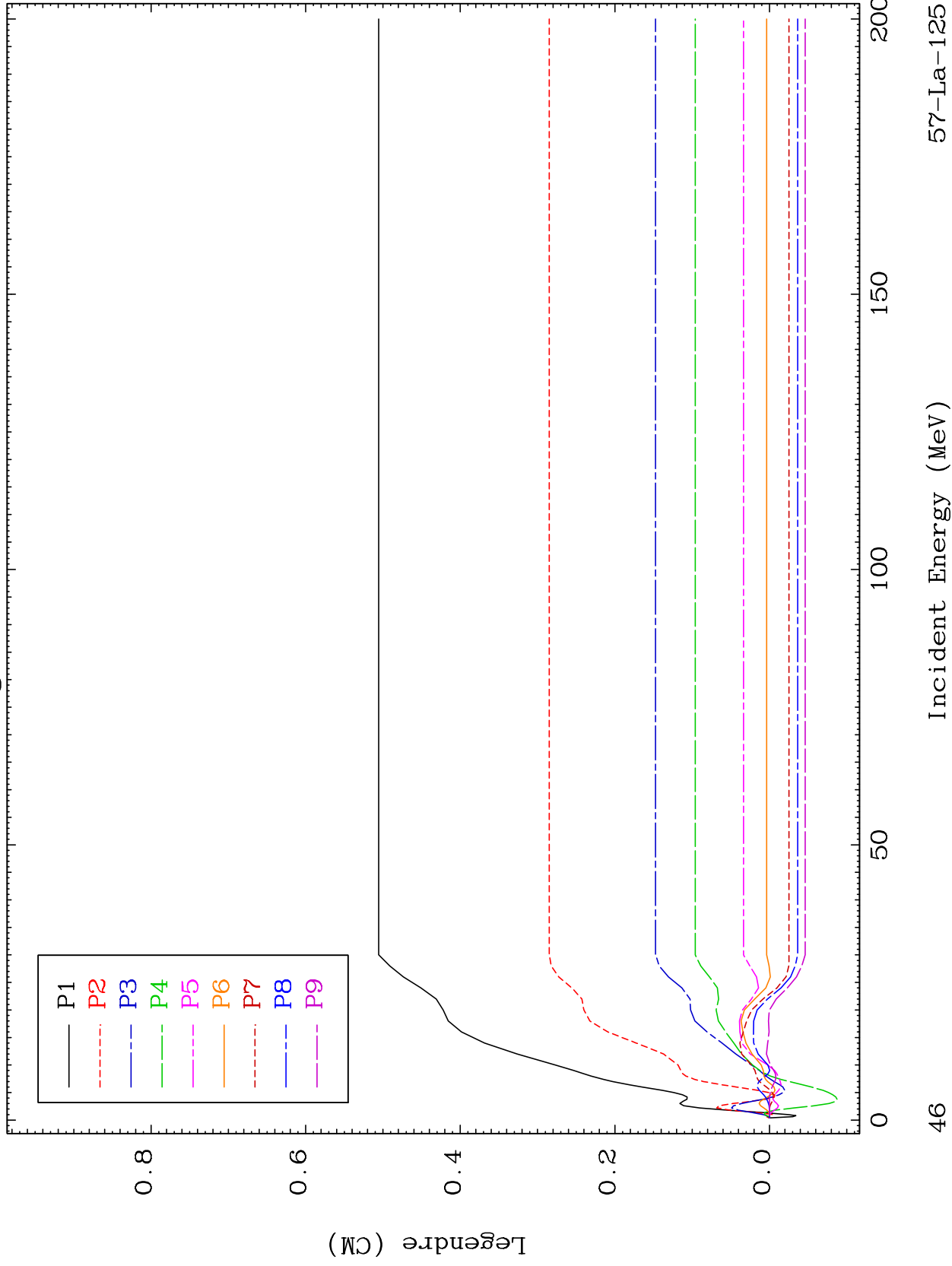
57-La-125



MAT 5686

MT= 57 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

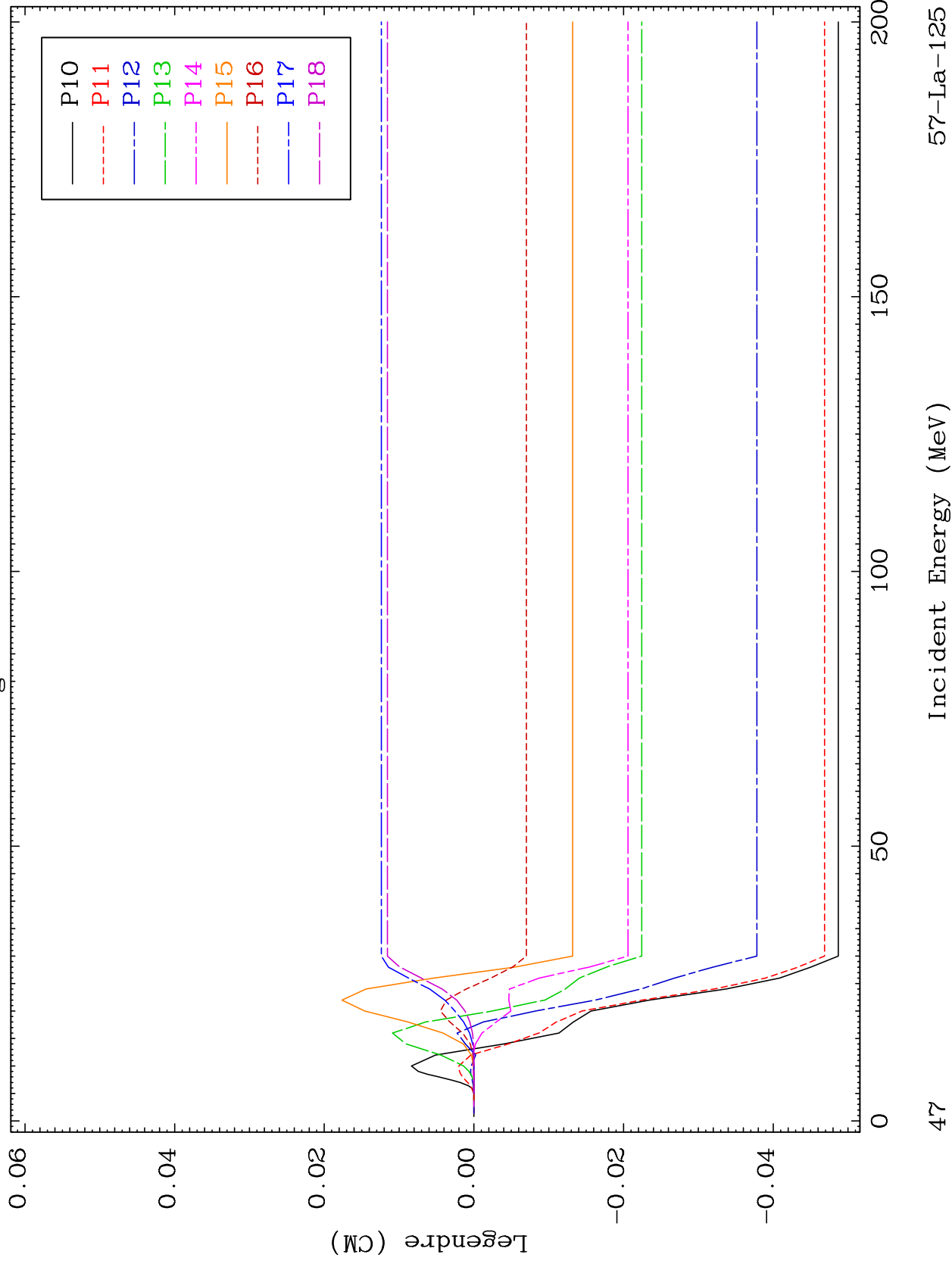
Incident Energy (MeV)

46

MAT 5686

MT= 57 (n,n') Level
Legendre Coefficients

57-La-125



47

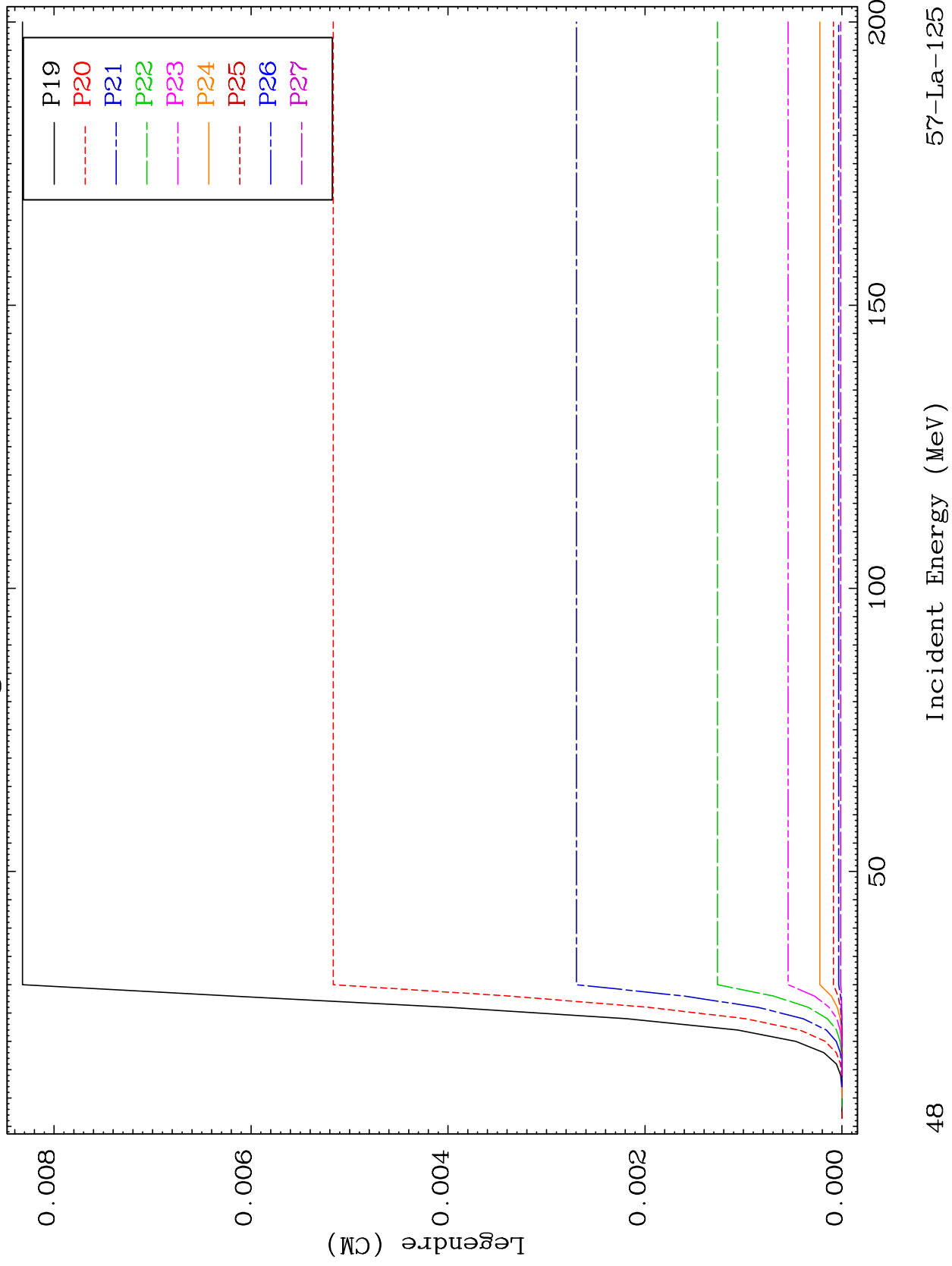
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 57 (n,n') Level
Legendre Coefficients

57-La-125



48

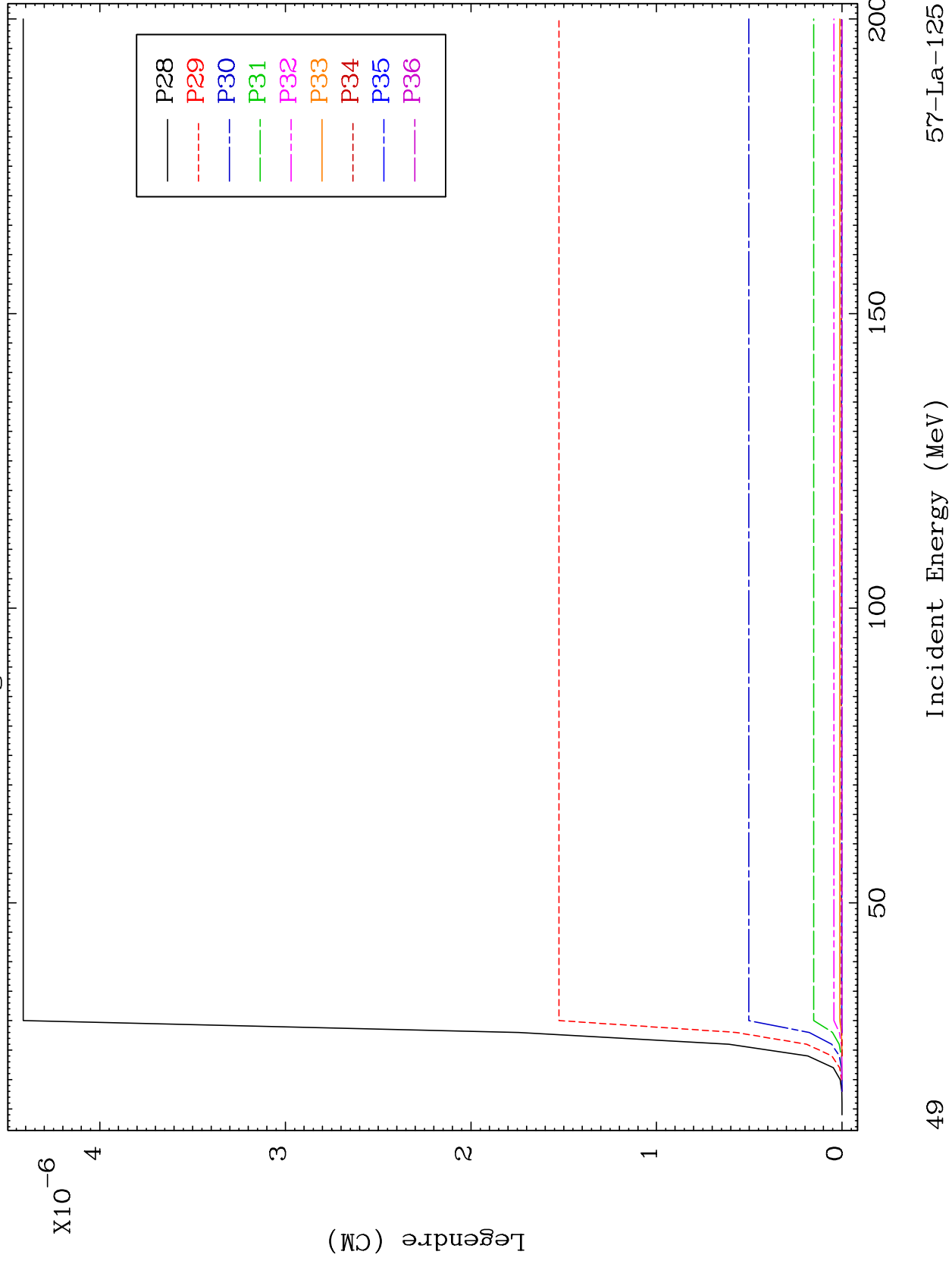
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 57 (n,n') Level
Legendre Coefficients

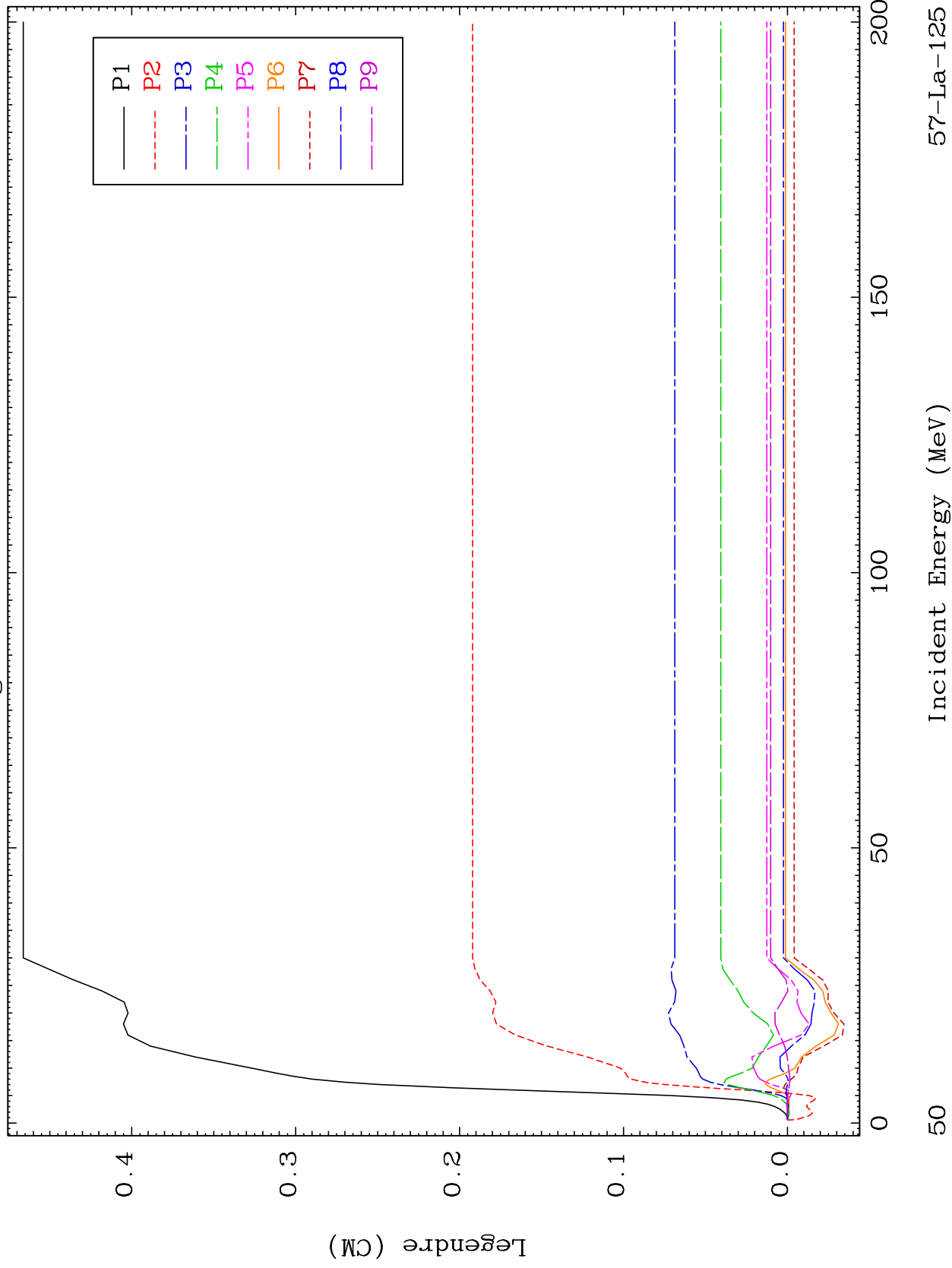
57-La-125



MAT 5686

MT= 58 (n,n') Level
Legendre Coefficients

57-La-125



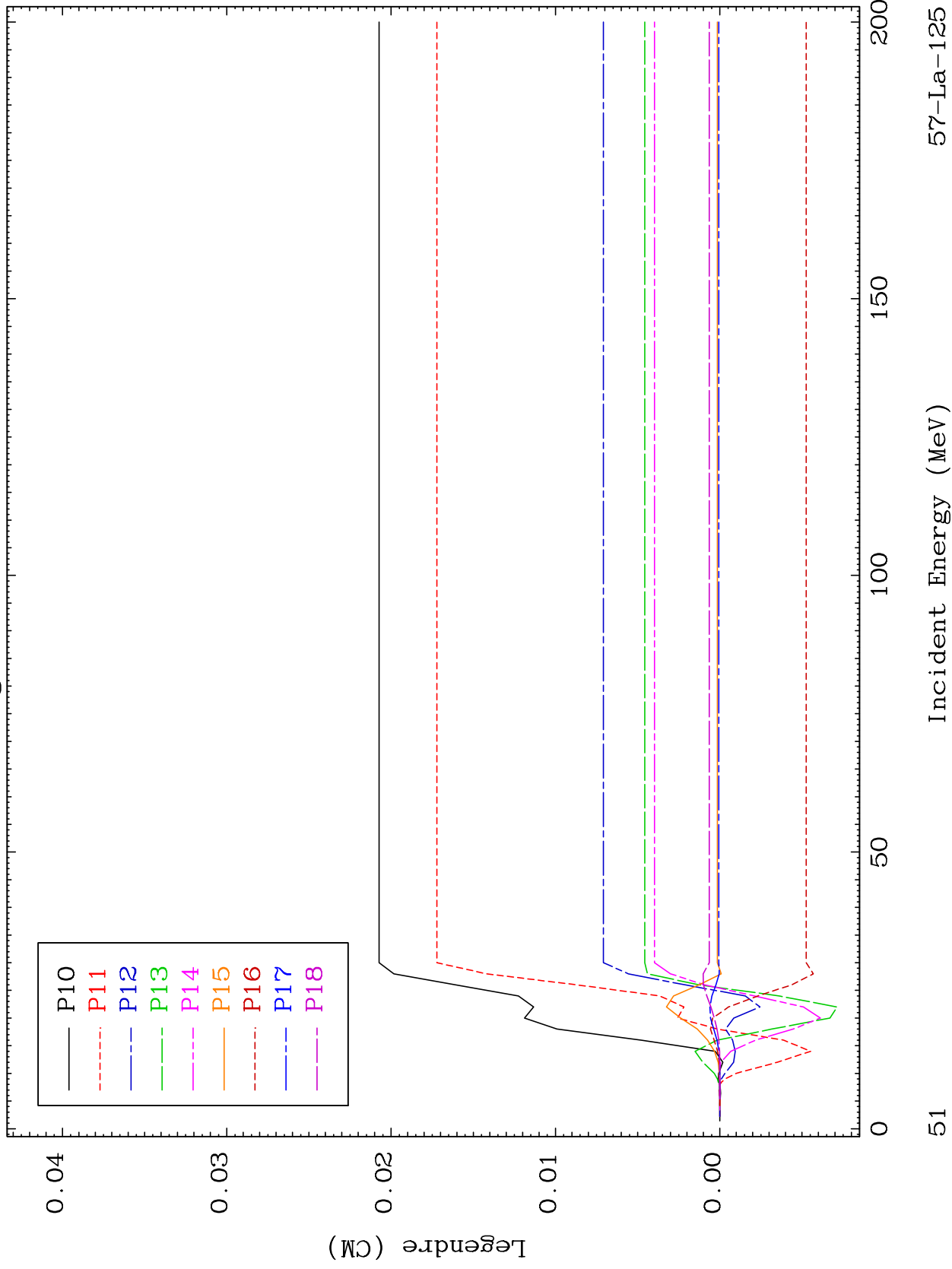
57-La-125

Incident Energy (MeV)

MAT 5686

MT= 58 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

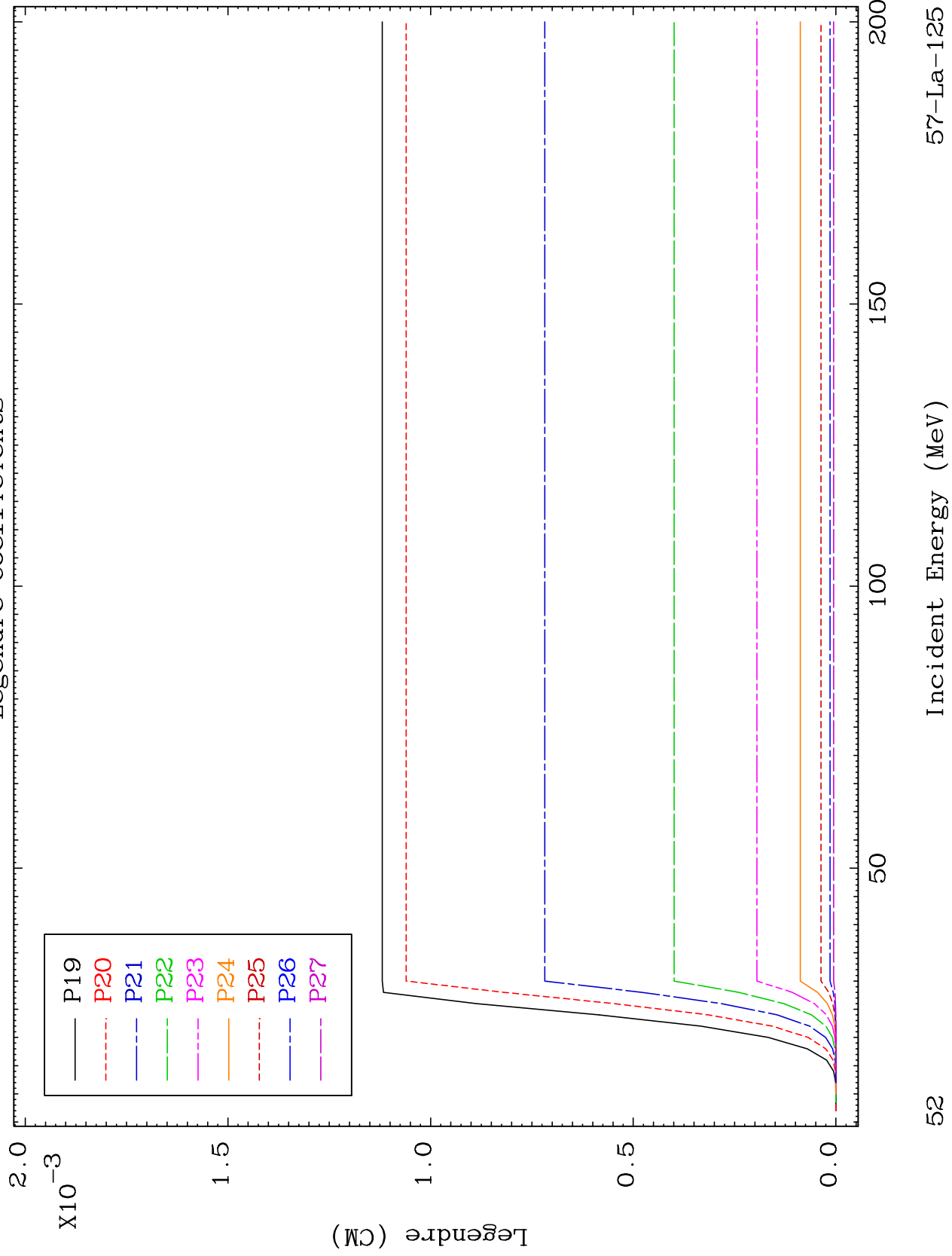
Incident Energy (MeV)

51

MAT 5686

MT= 58 (n,n') Level
Legendre Coefficients

57-La-125



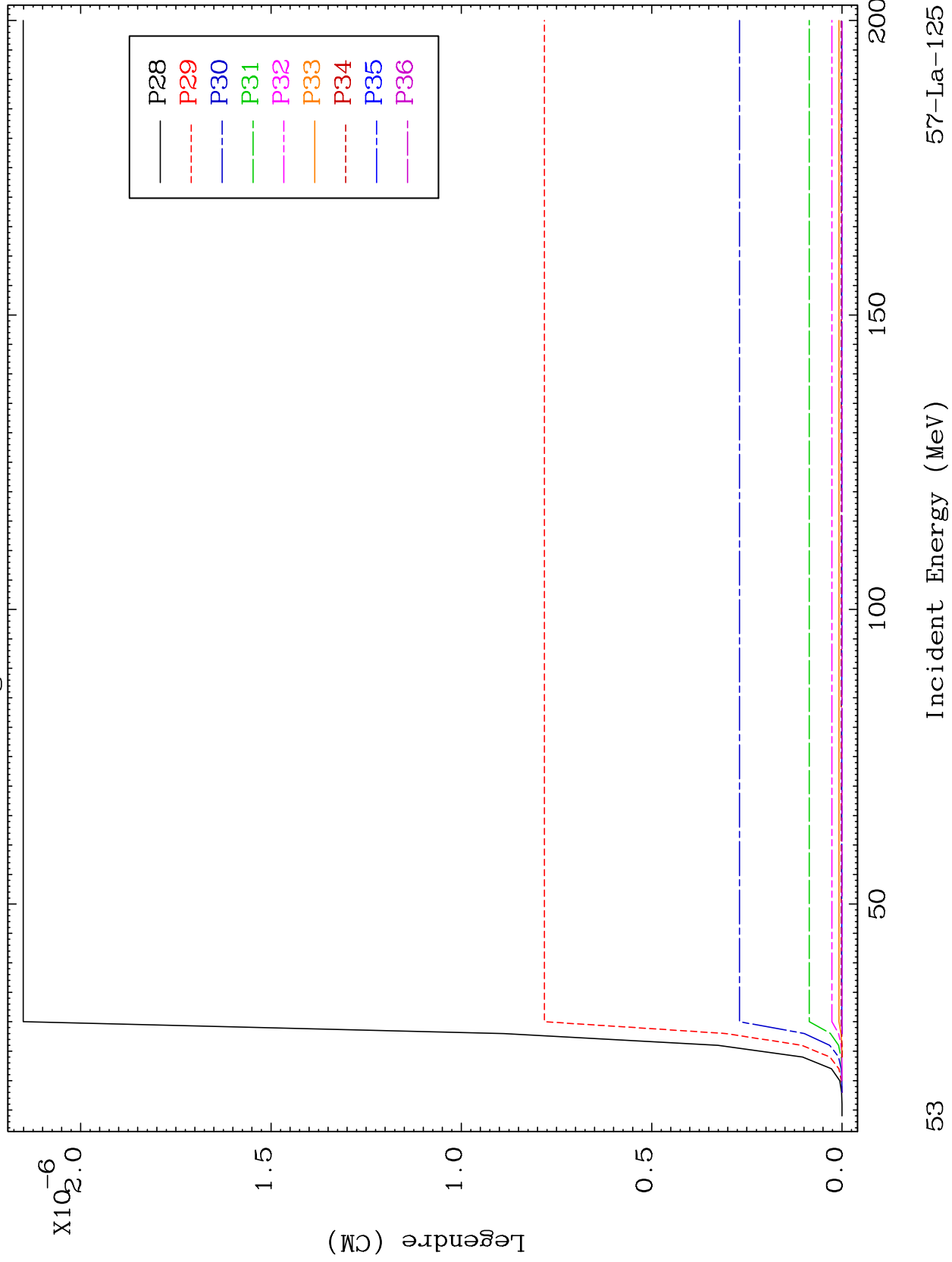
52

57-La-125

MAT 5686

MT= 58 (n,n') Level
Legendre Coefficients

57-La-125



53

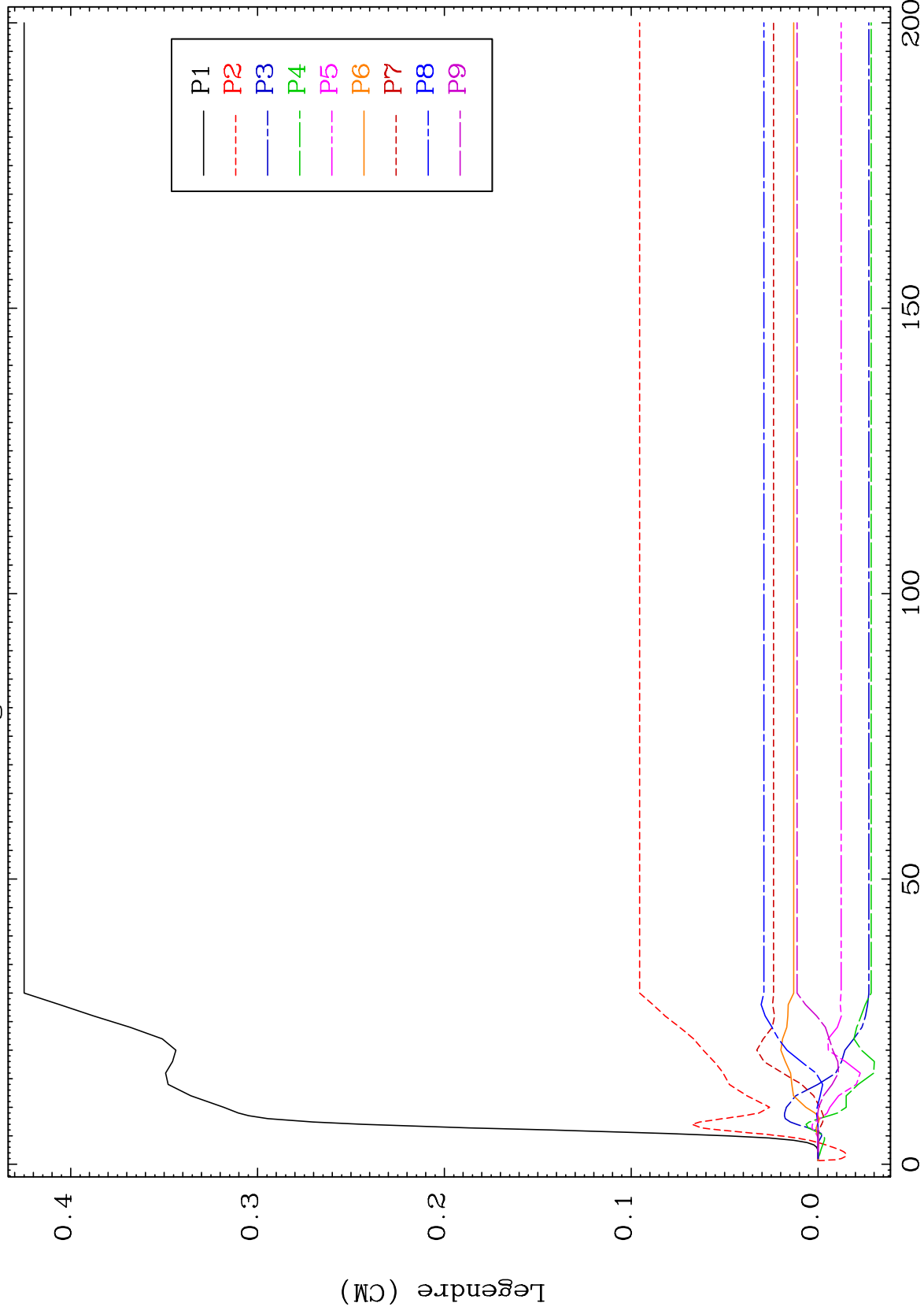
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 59 (n,n') Level
Legendre Coefficients

57-La-125



54

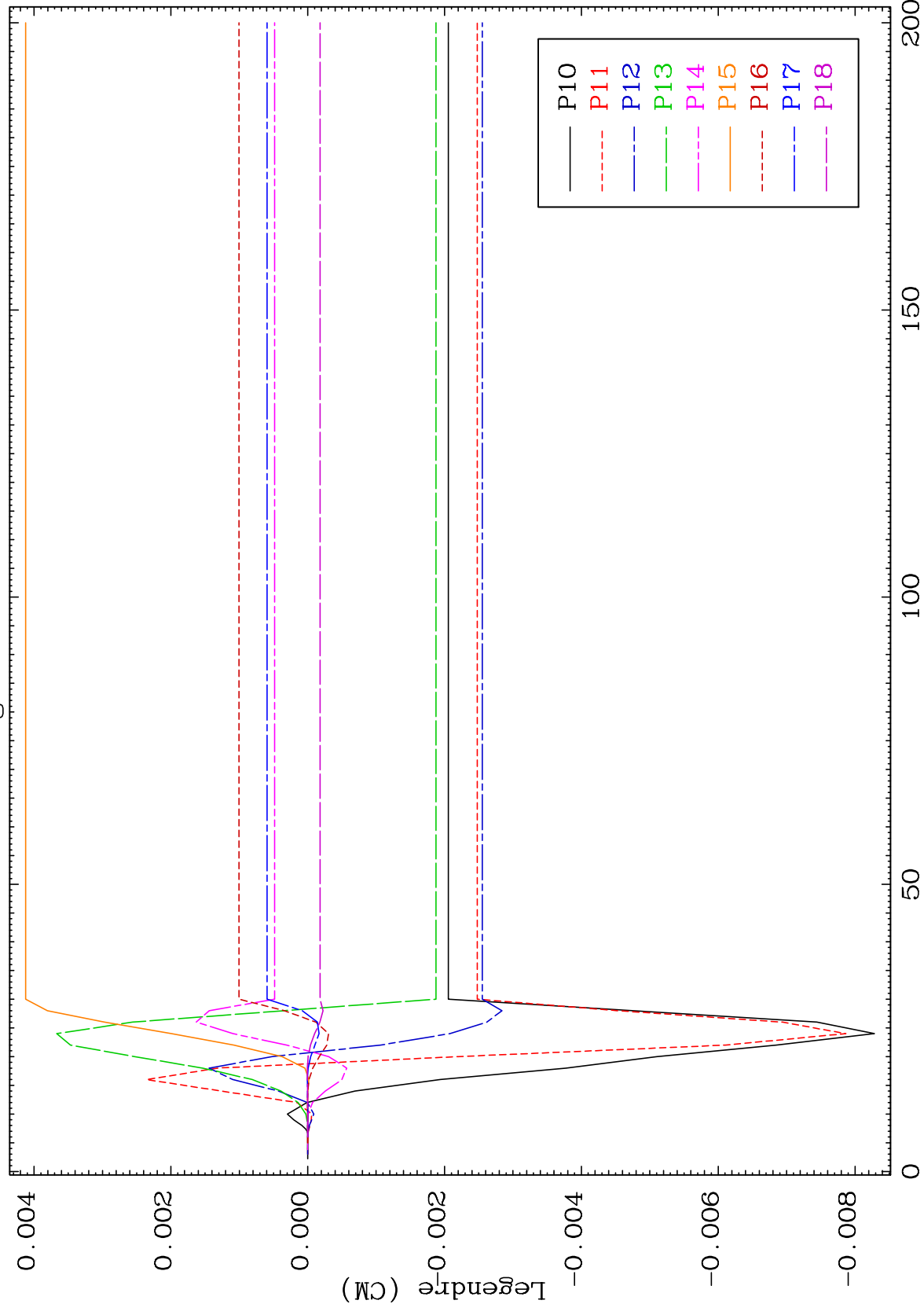
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 59 (n,n') Level
Legendre Coefficients

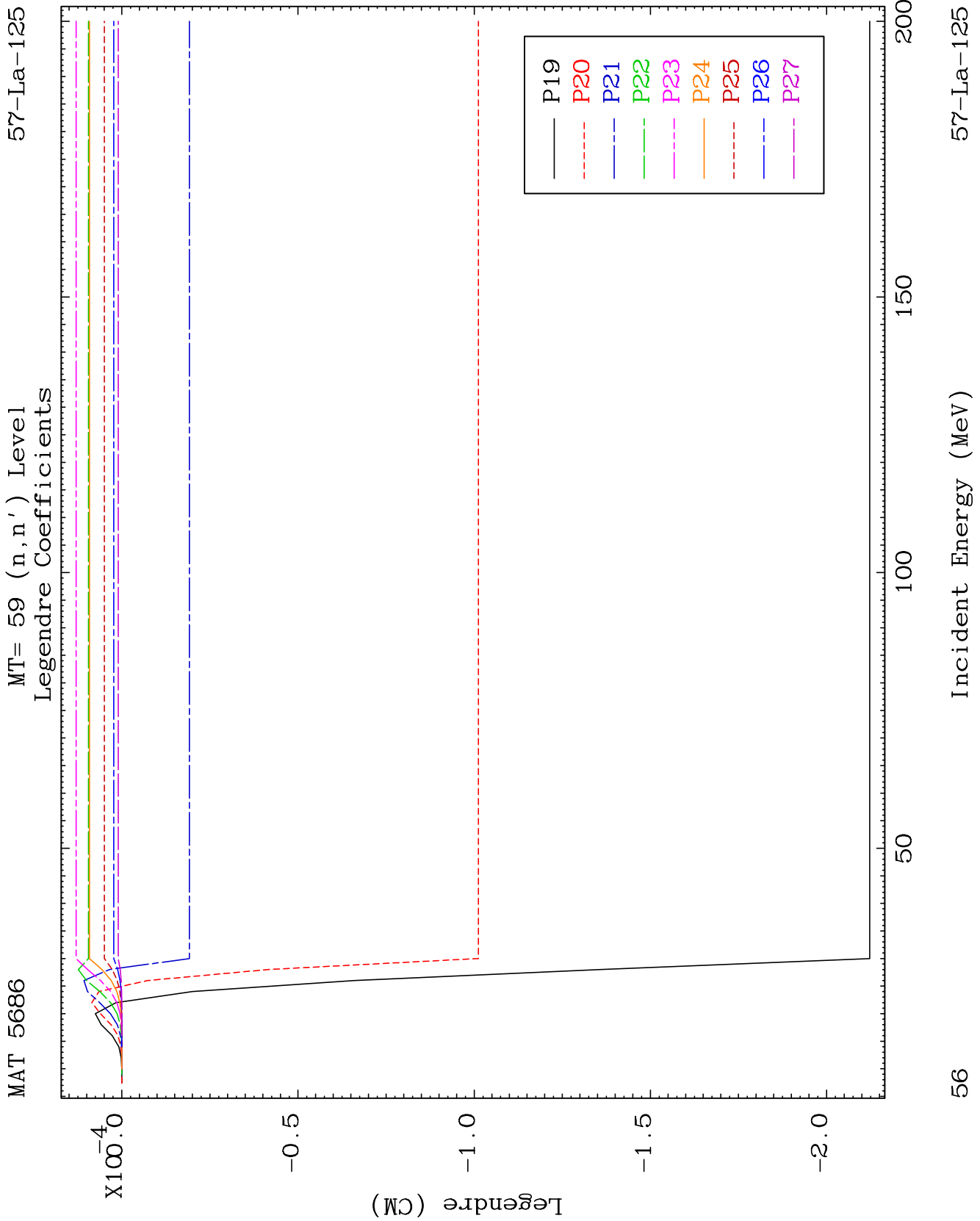
57-La-125



55

Incident Energy (MeV)

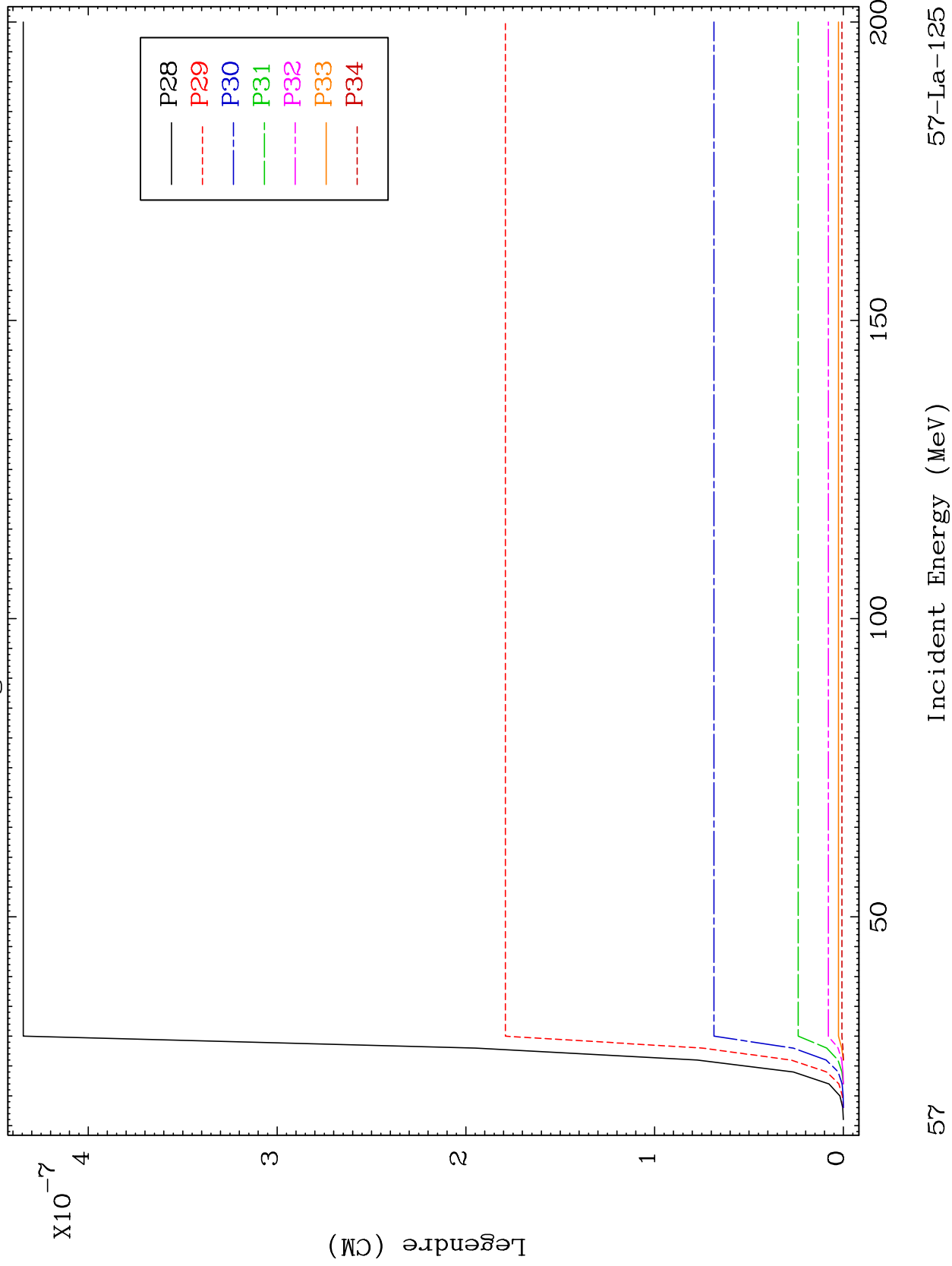
57-La-125



MAT 5686

MT= 59 (n,n') Level
Legendre Coefficients

57-La-125



57

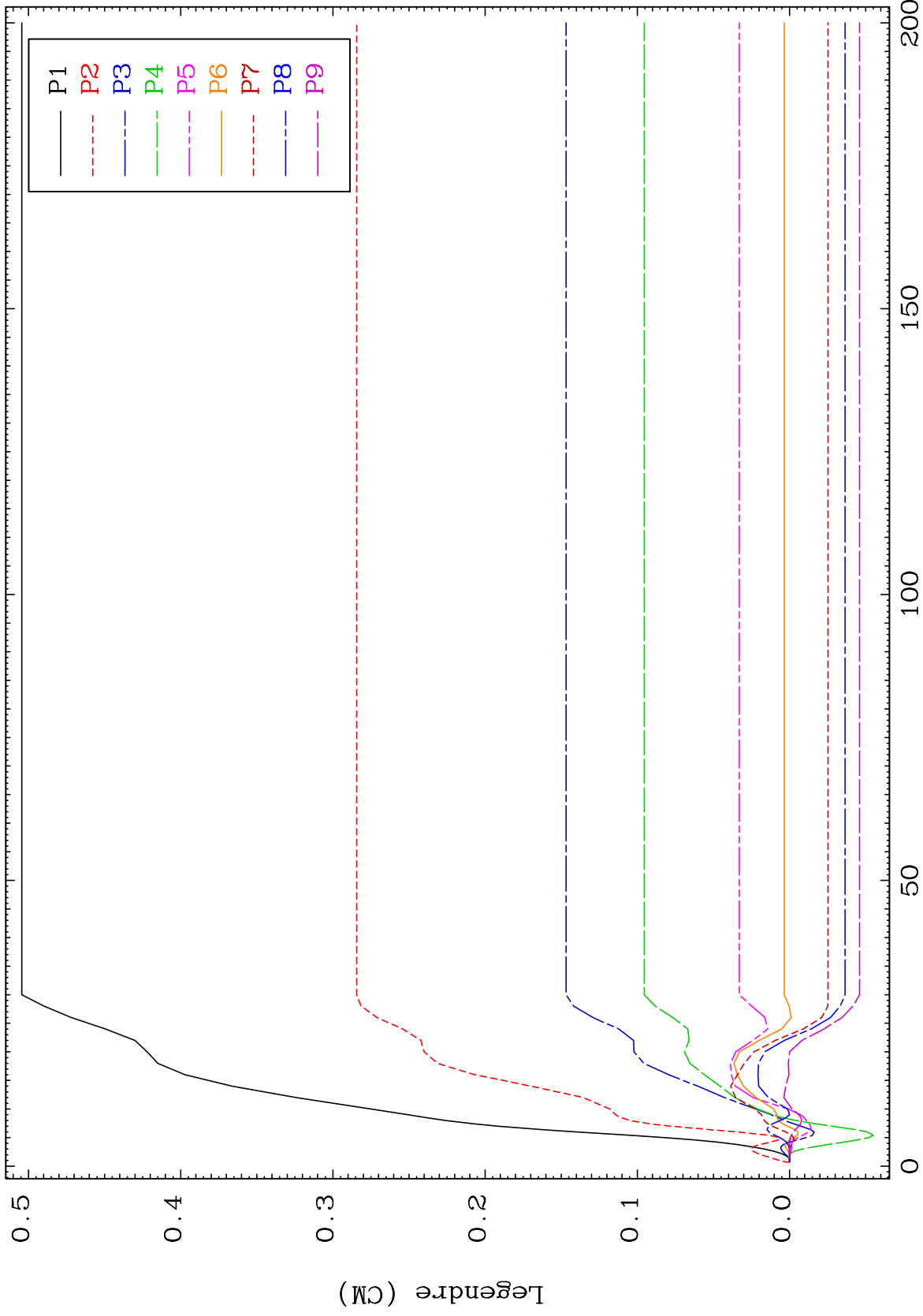
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 60 (n,n') Level
Legendre Coefficients

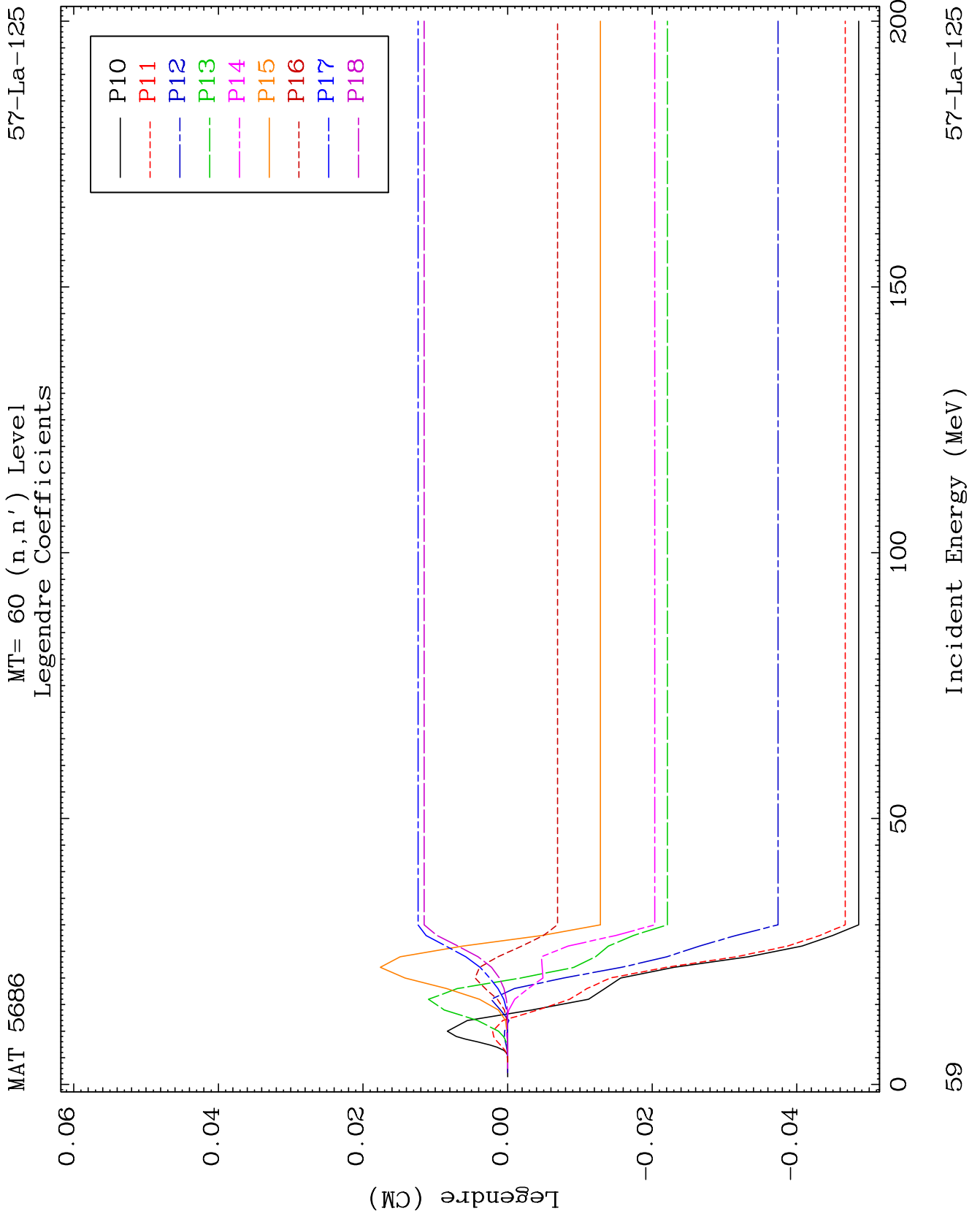
57-La-125



58

Incident Energy (MeV)

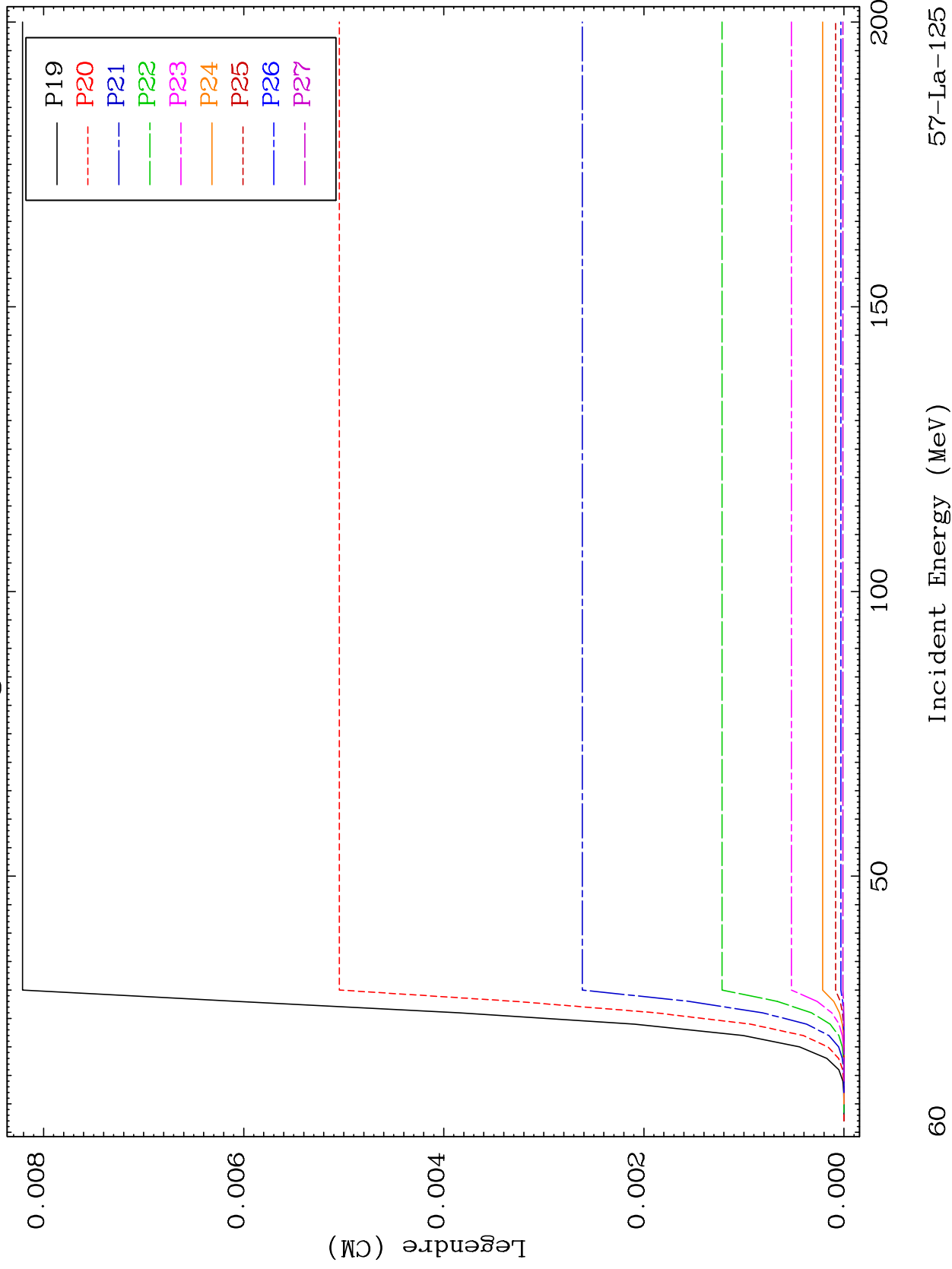
57-La-125



MAT 5686

MT= 60 (n,n') Level
Legendre Coefficients

57-La-125



60

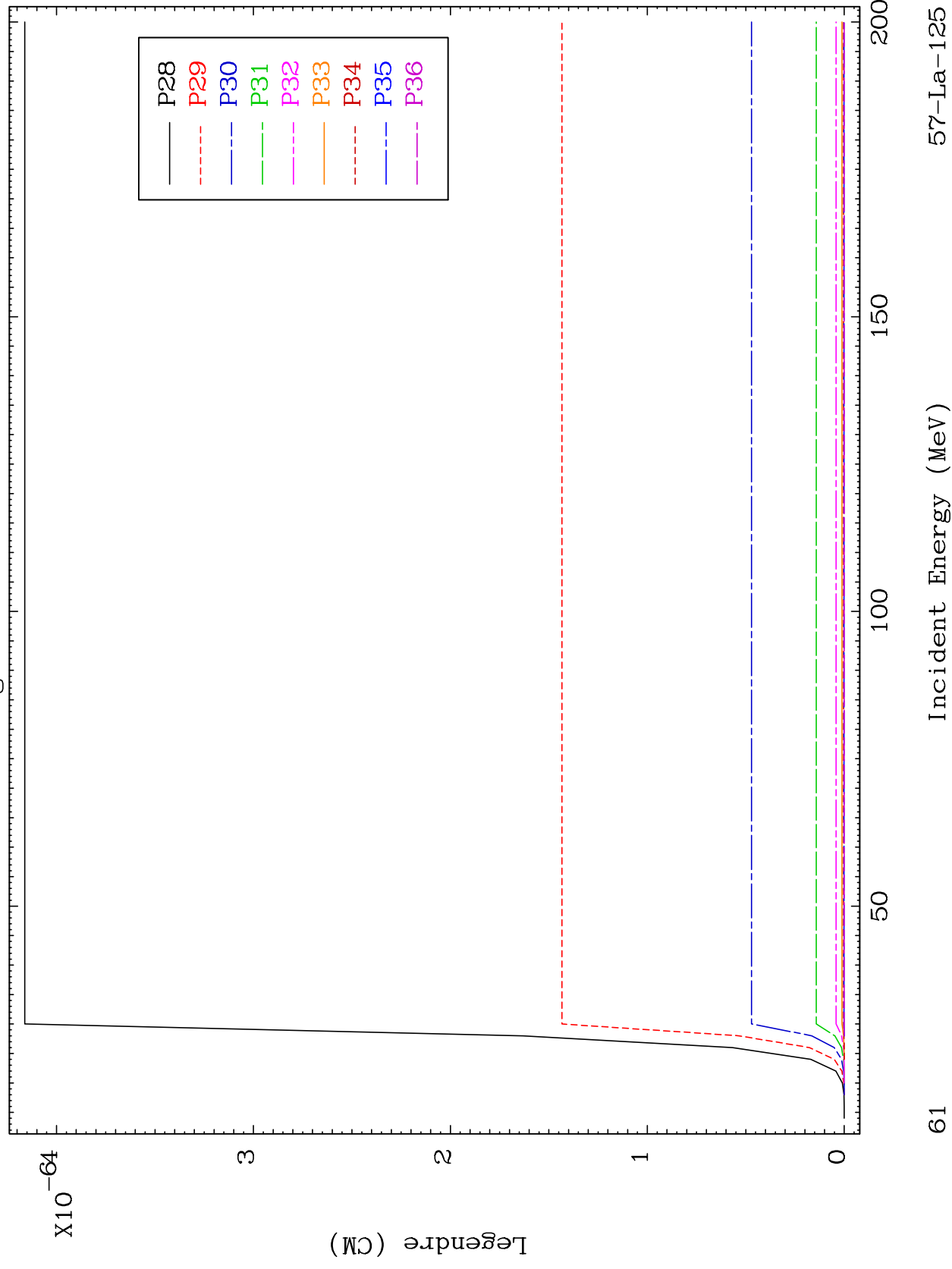
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 60 (n,n') Level
Legendre Coefficients

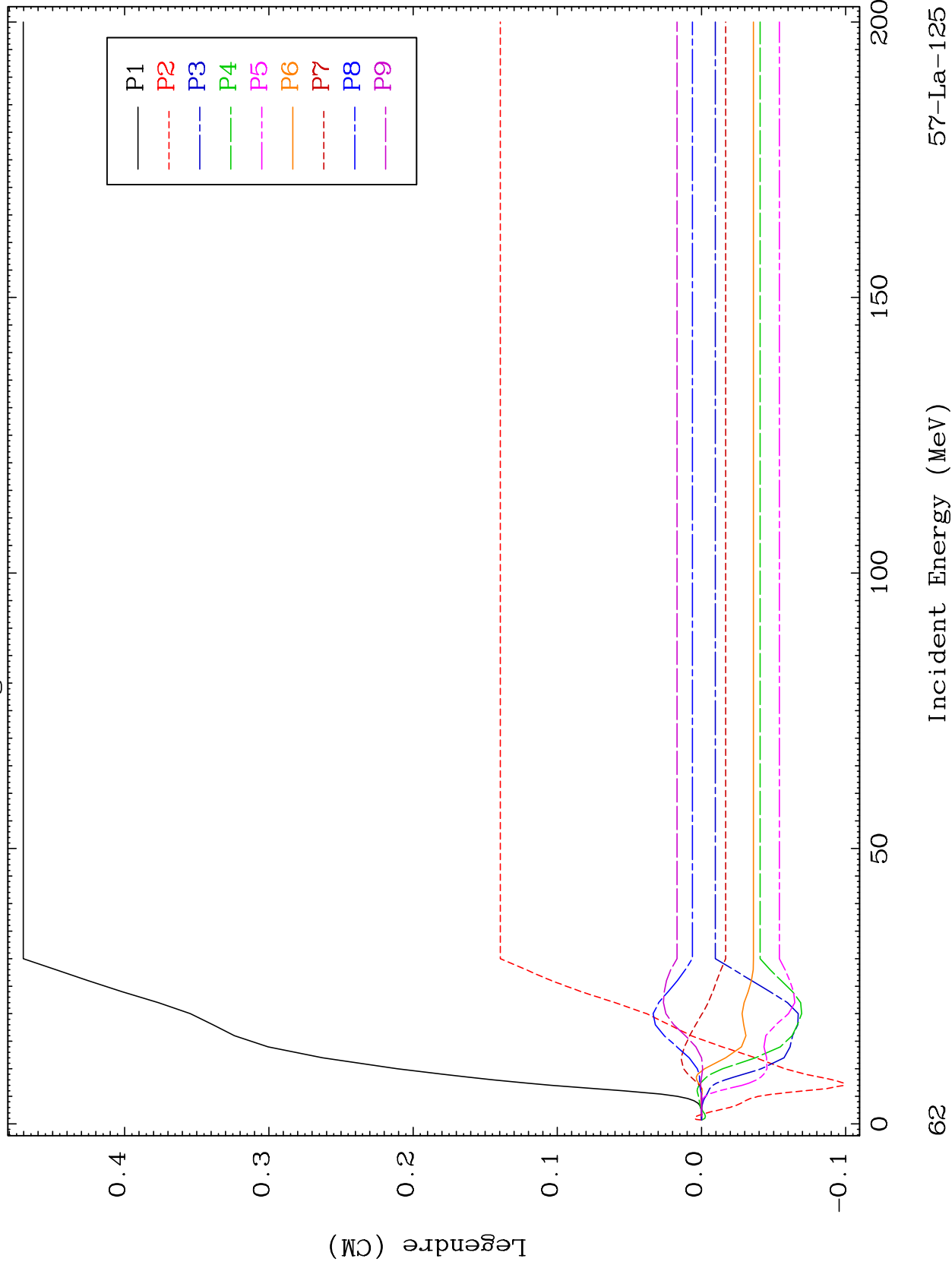
57-La-125



MAT 5686

MT= 61 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

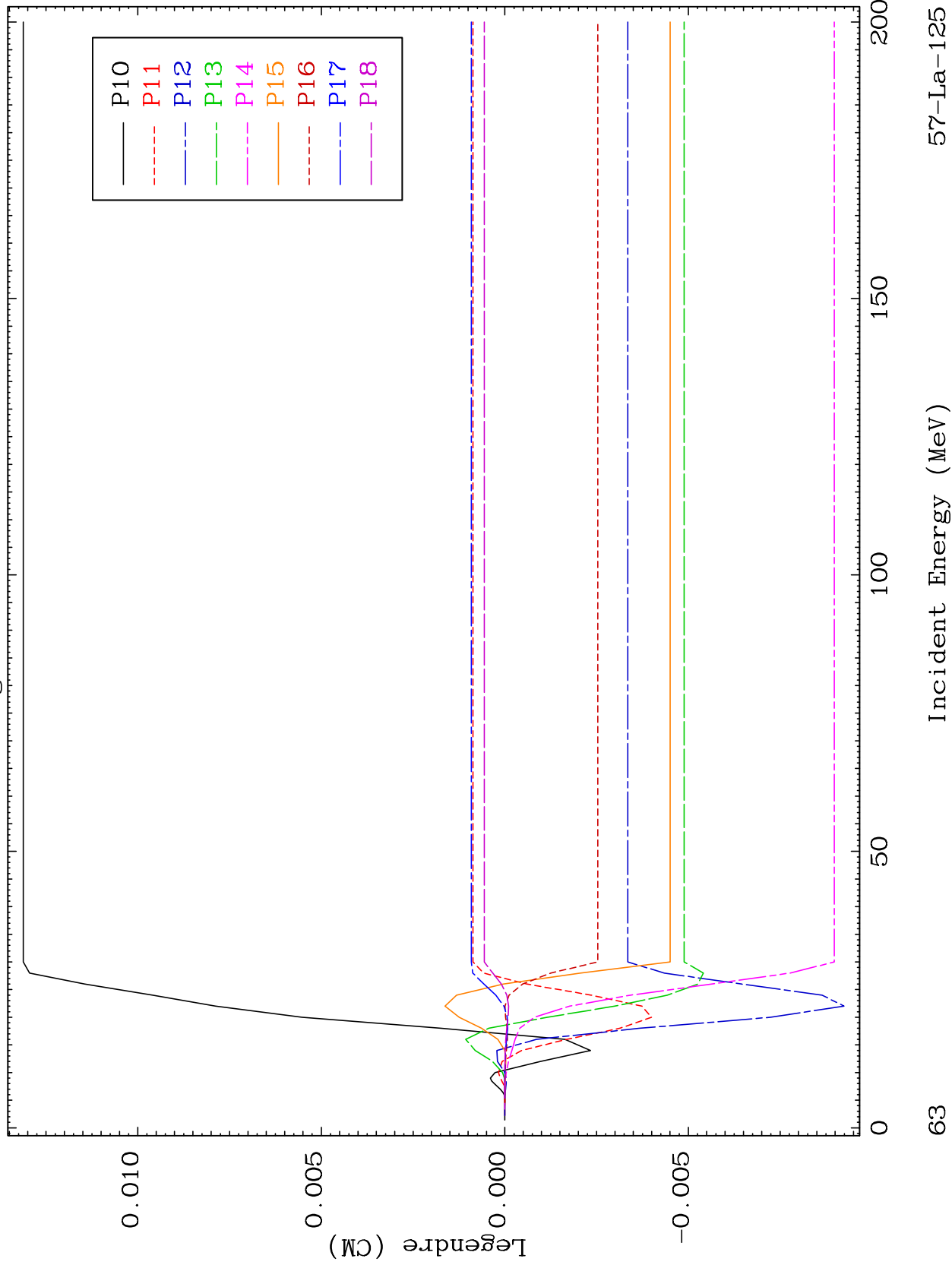
Incident Energy (MeV)

62

MAT 5686

MT= 61 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

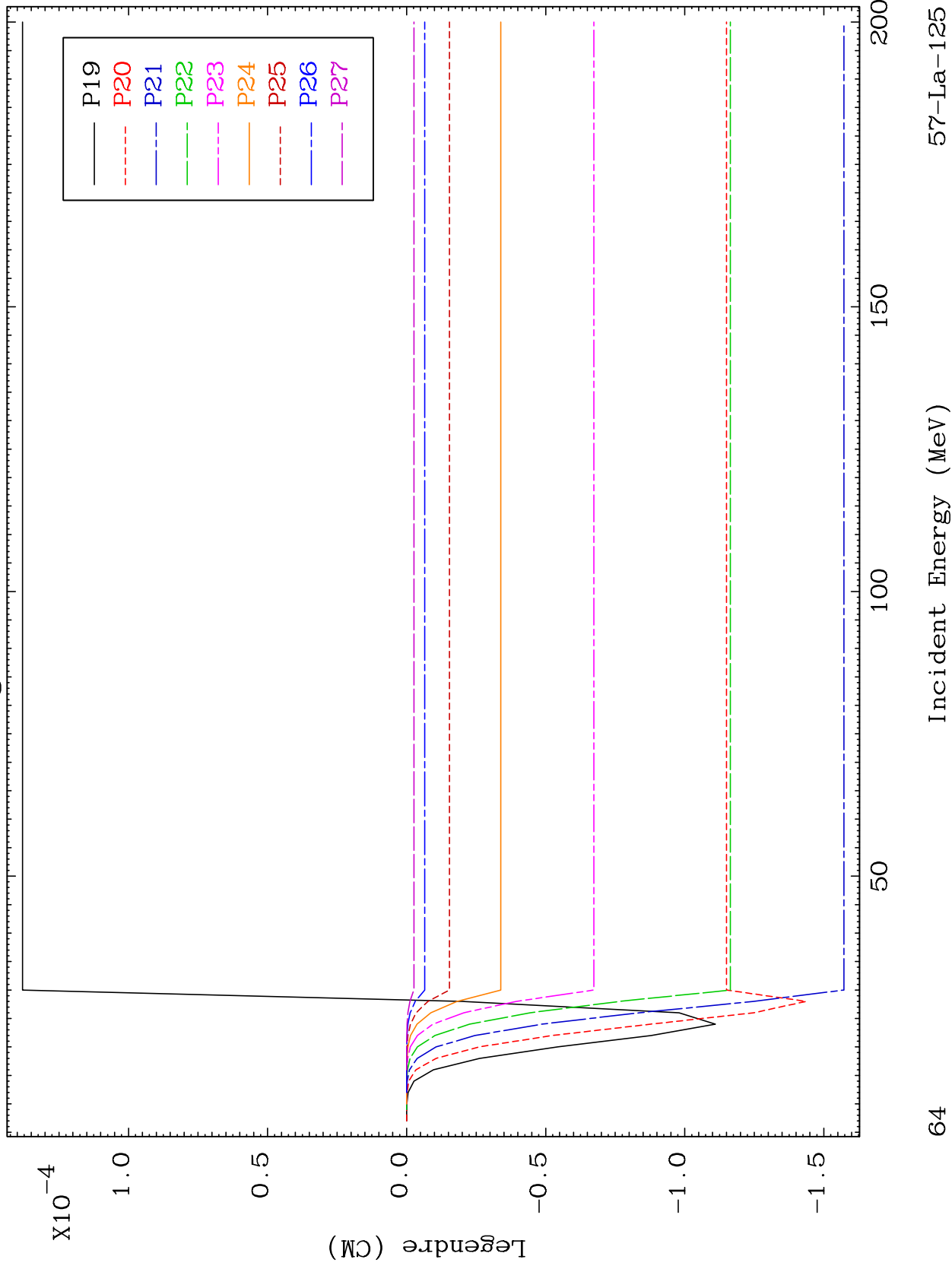
Incident Energy (MeV)

63

MAT 5686

MT= 61 (n,n') Level
Legendre Coefficients

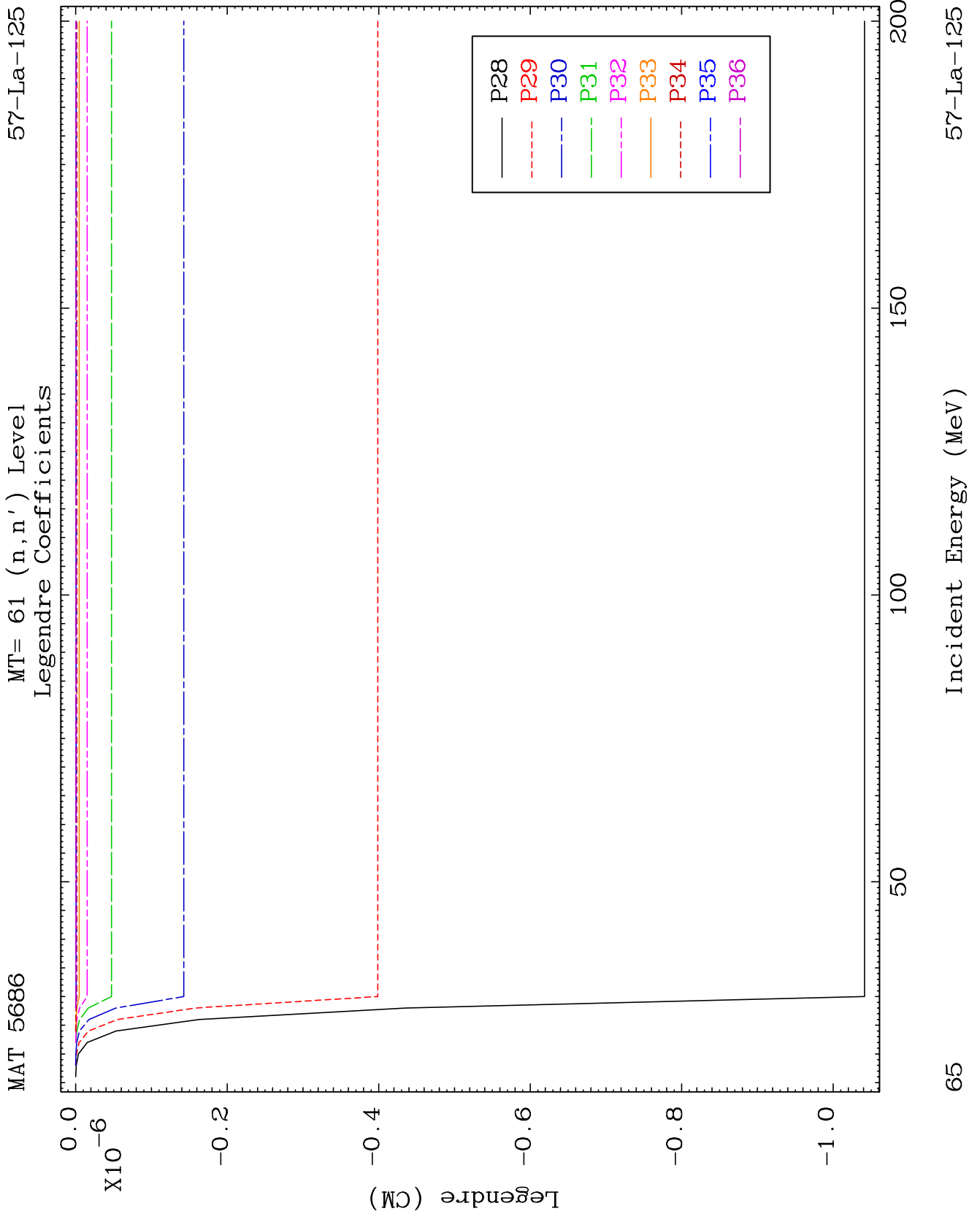
57-La-125



64

Incident Energy (MeV)

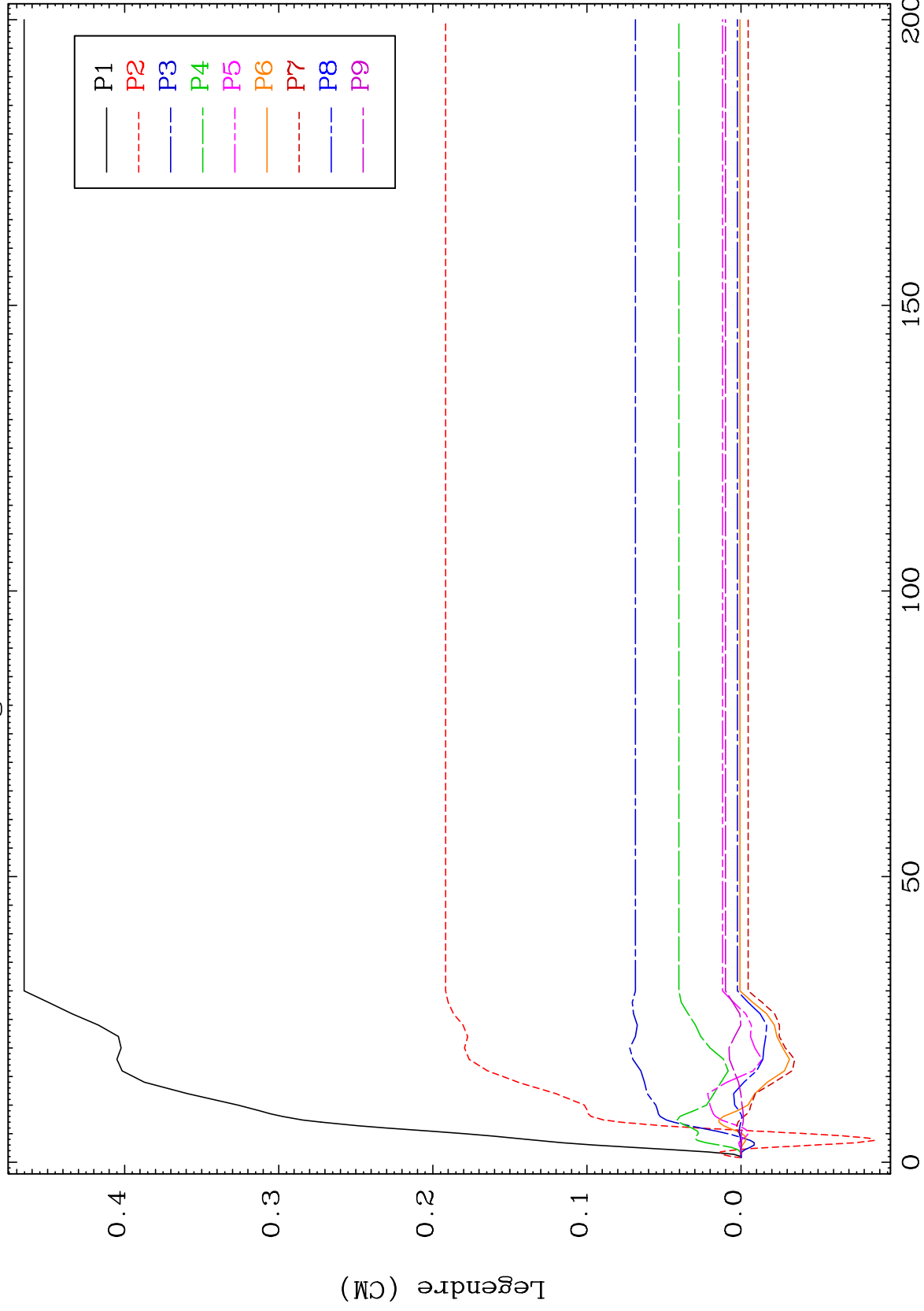
57-La-125



MAT 5686

MT= 62 (n,n') Level
Legendre Coefficients

57-La-125



66

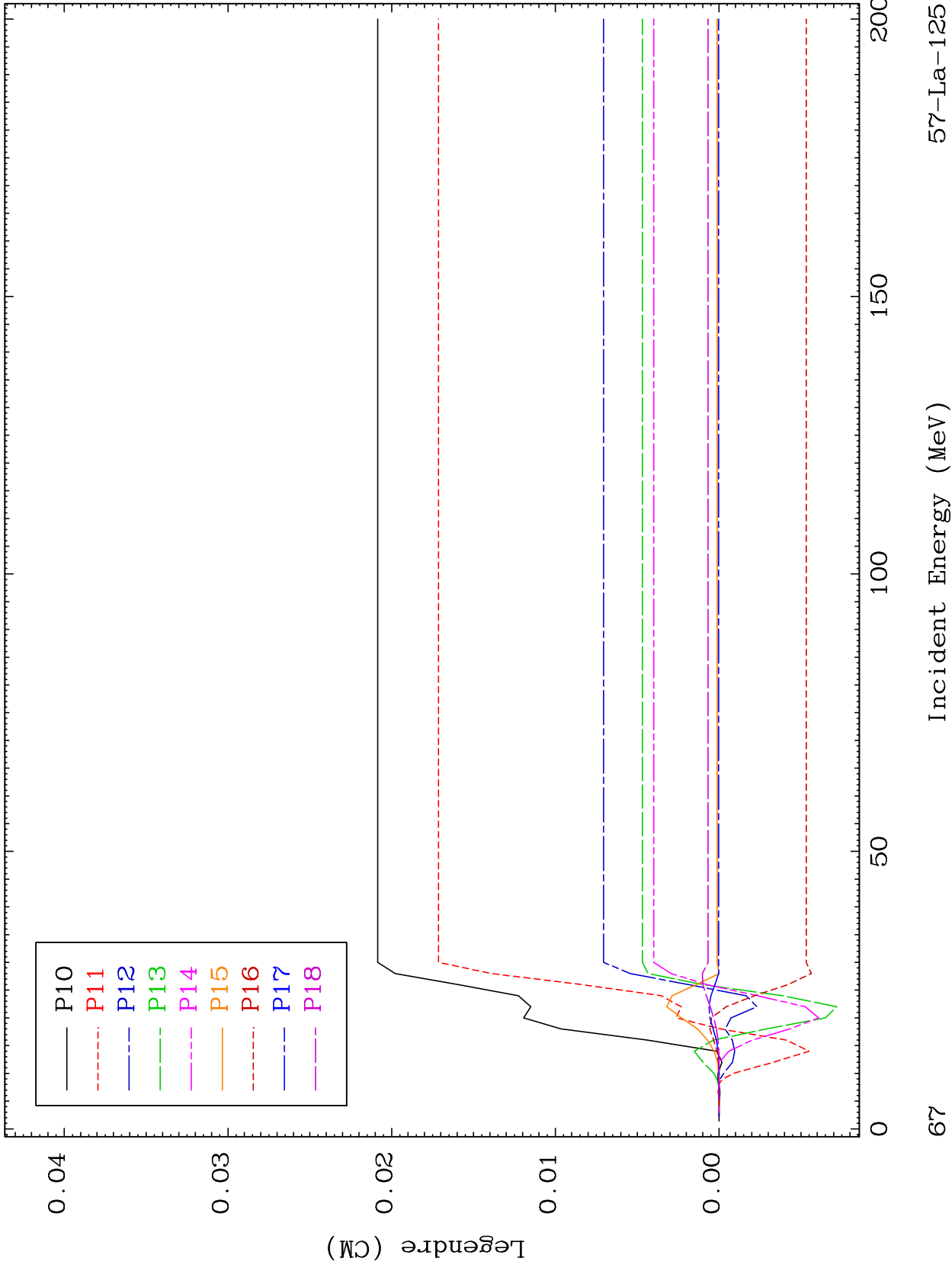
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 62 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

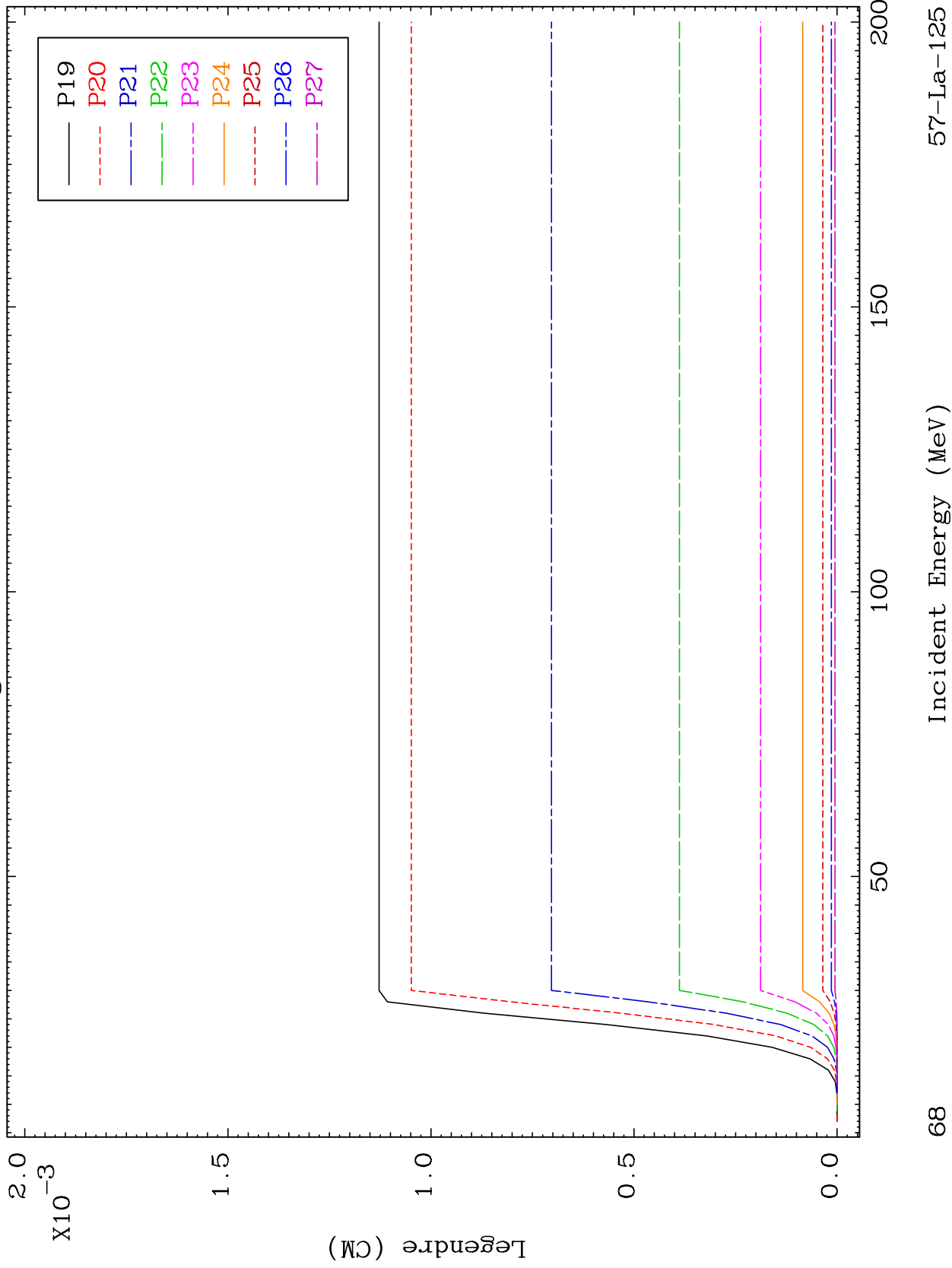
Incident Energy (MeV)

67

MAT 5686

MT= 62 (n,n') Level
Legendre Coefficients

57-La-125



68

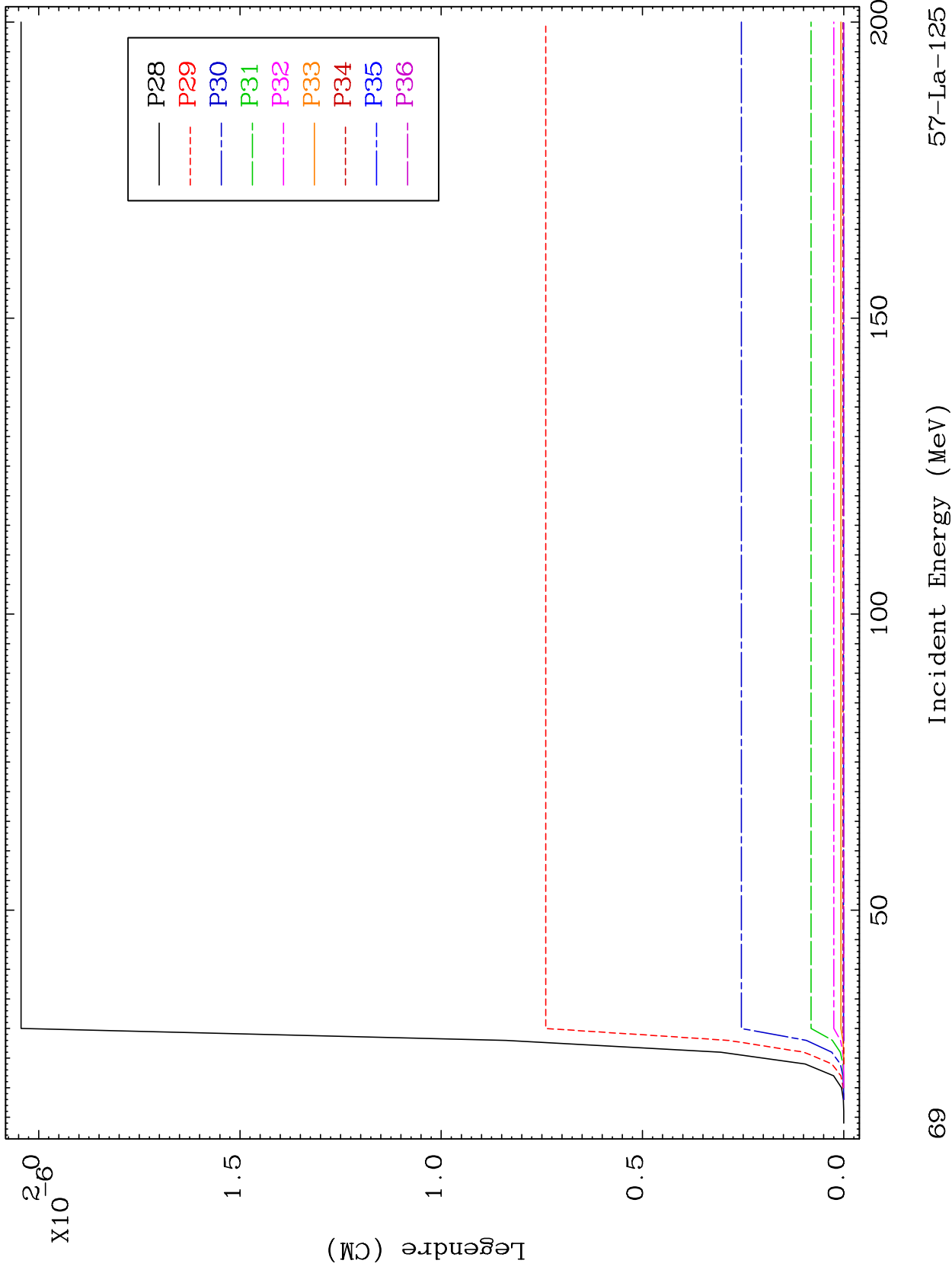
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 62 (n,n') Level
Legendre Coefficients

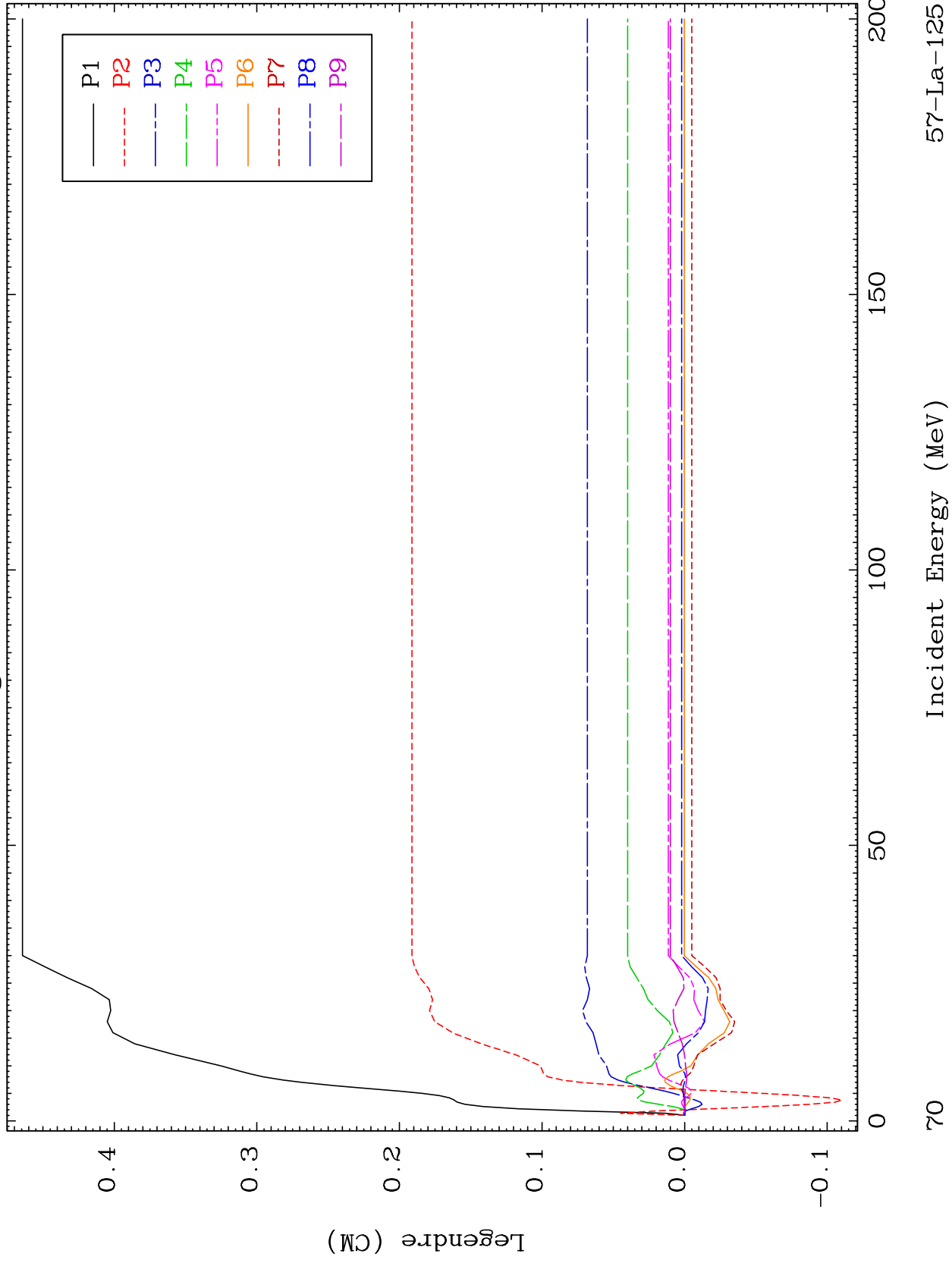
57-La-125



MAT 5686

MT= 63 (n,n') Level
Legendre Coefficients

57-La-125

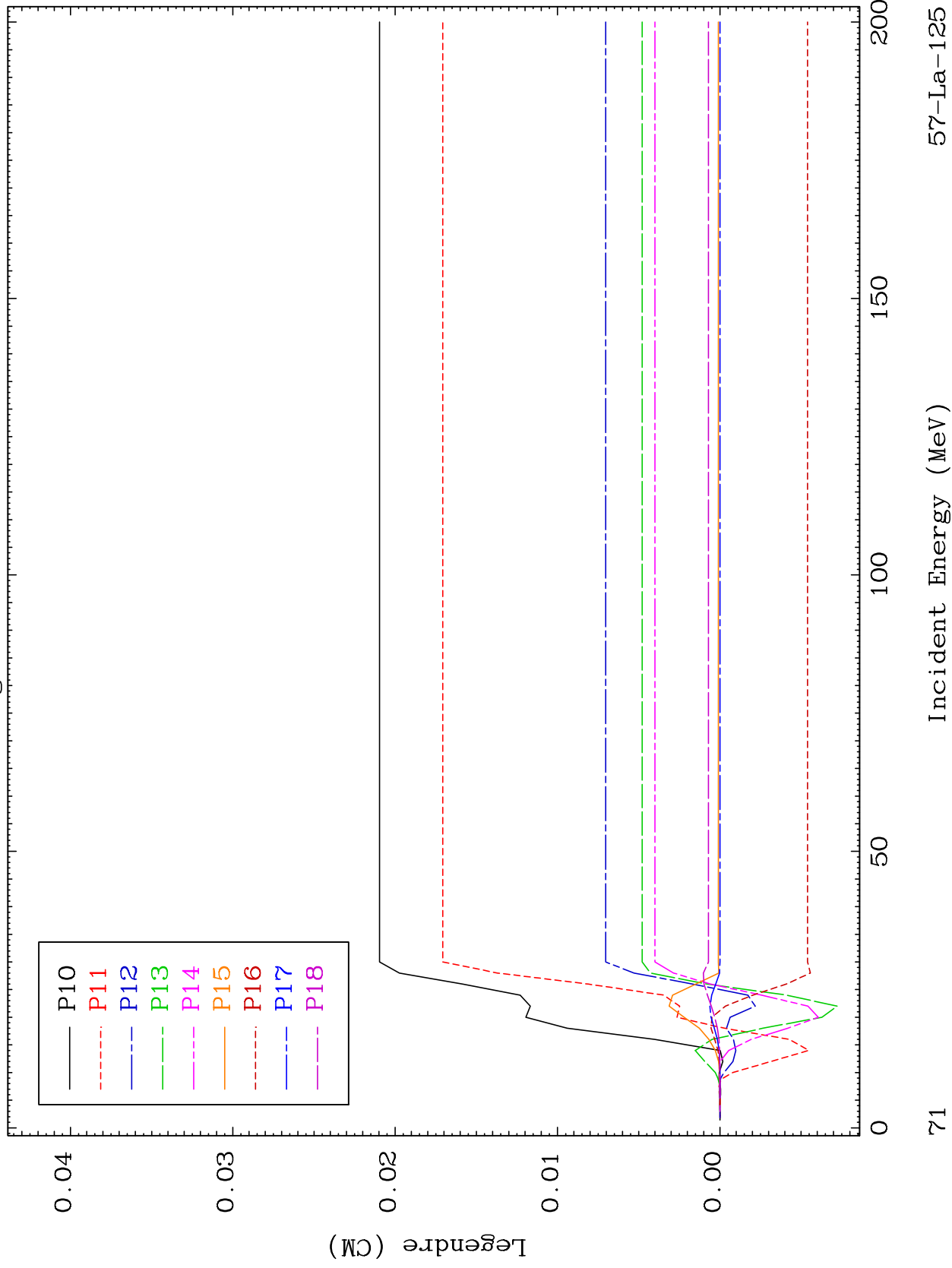


57-La-125

MAT 5686

MT= 63 (n,n') Level
Legendre Coefficients

57-La-125



71

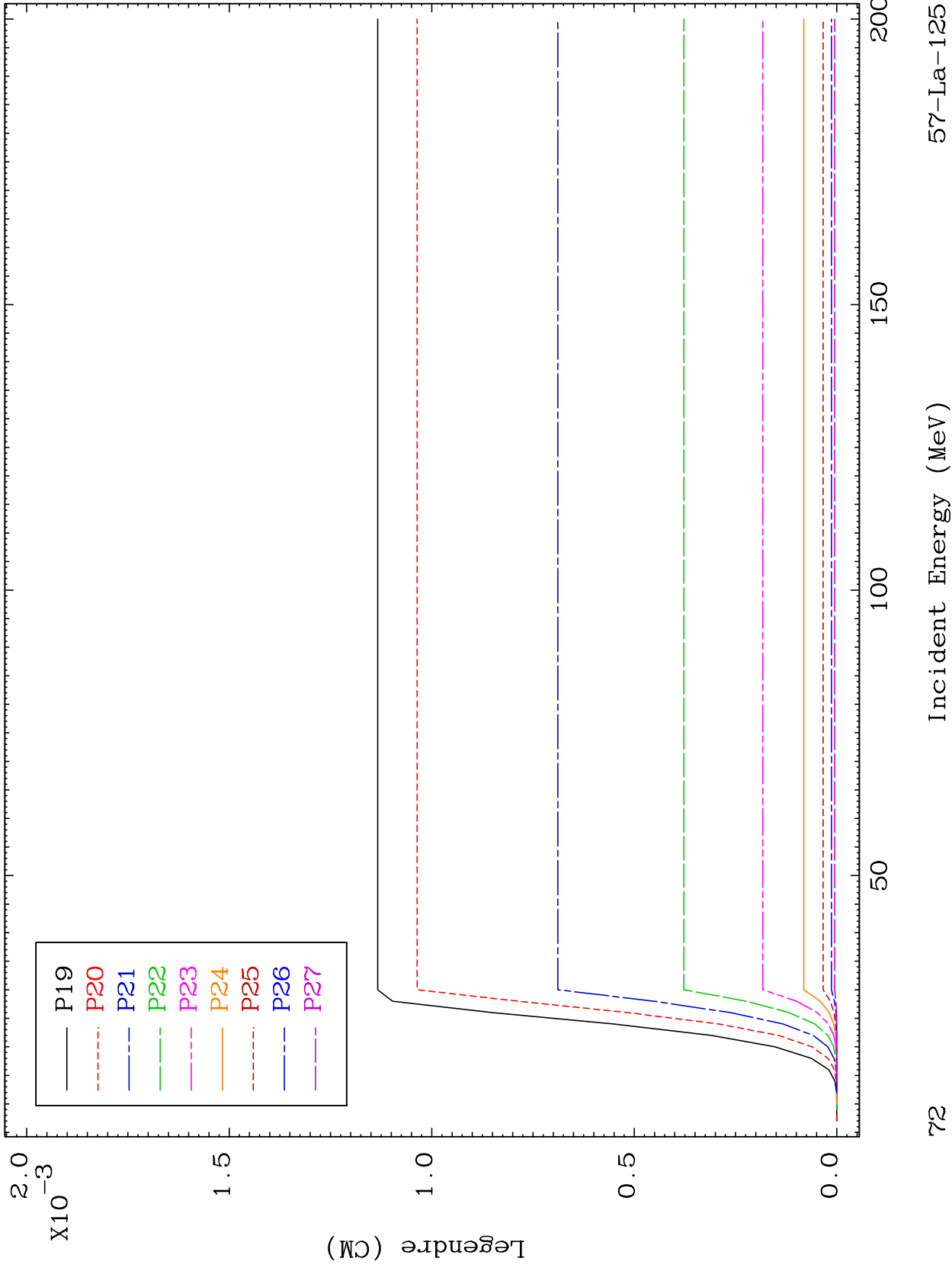
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 63 (n,n') Level
Legendre Coefficients

57-La-125



72

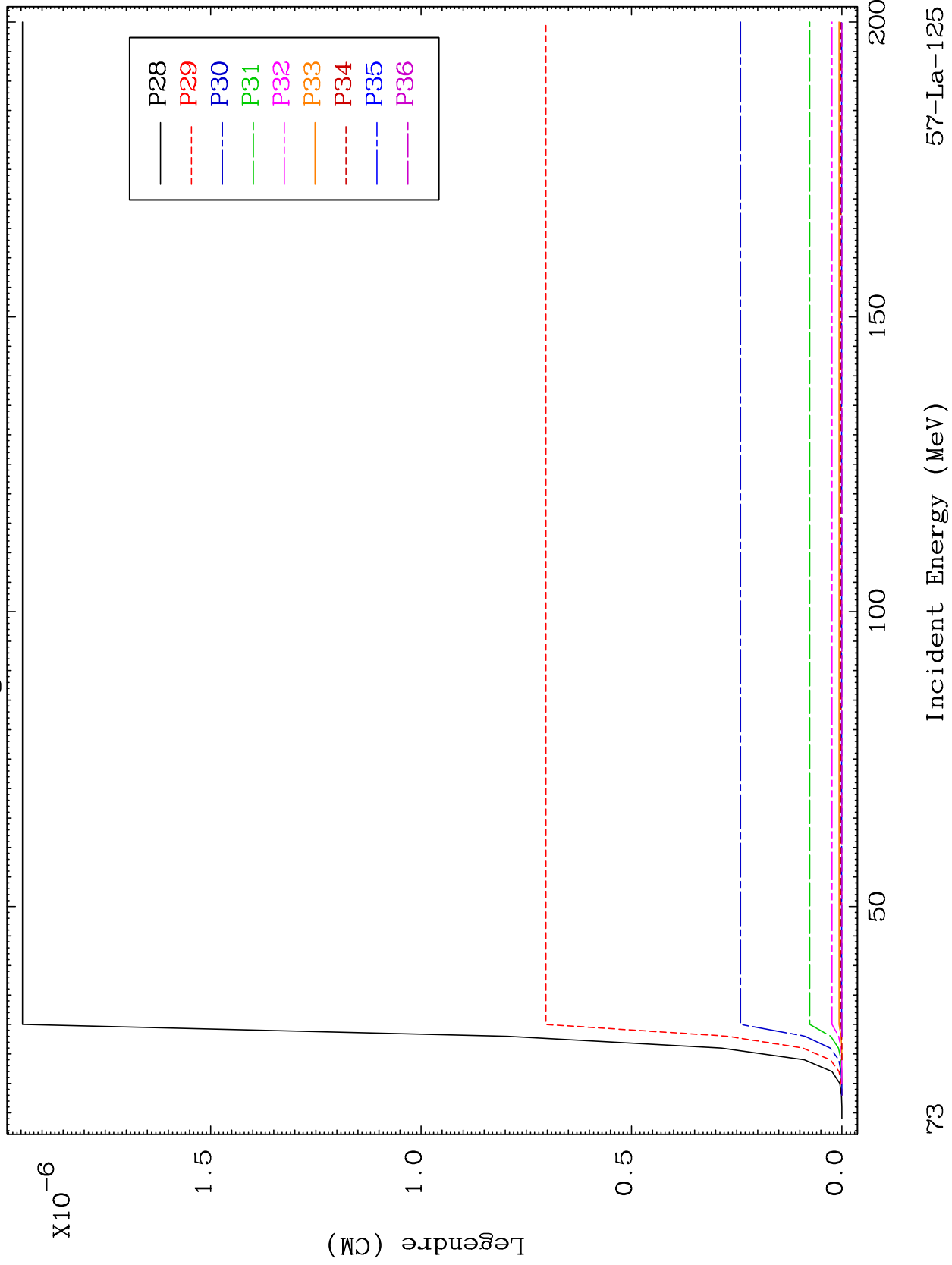
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 63 (n,n') Level
Legendre Coefficients

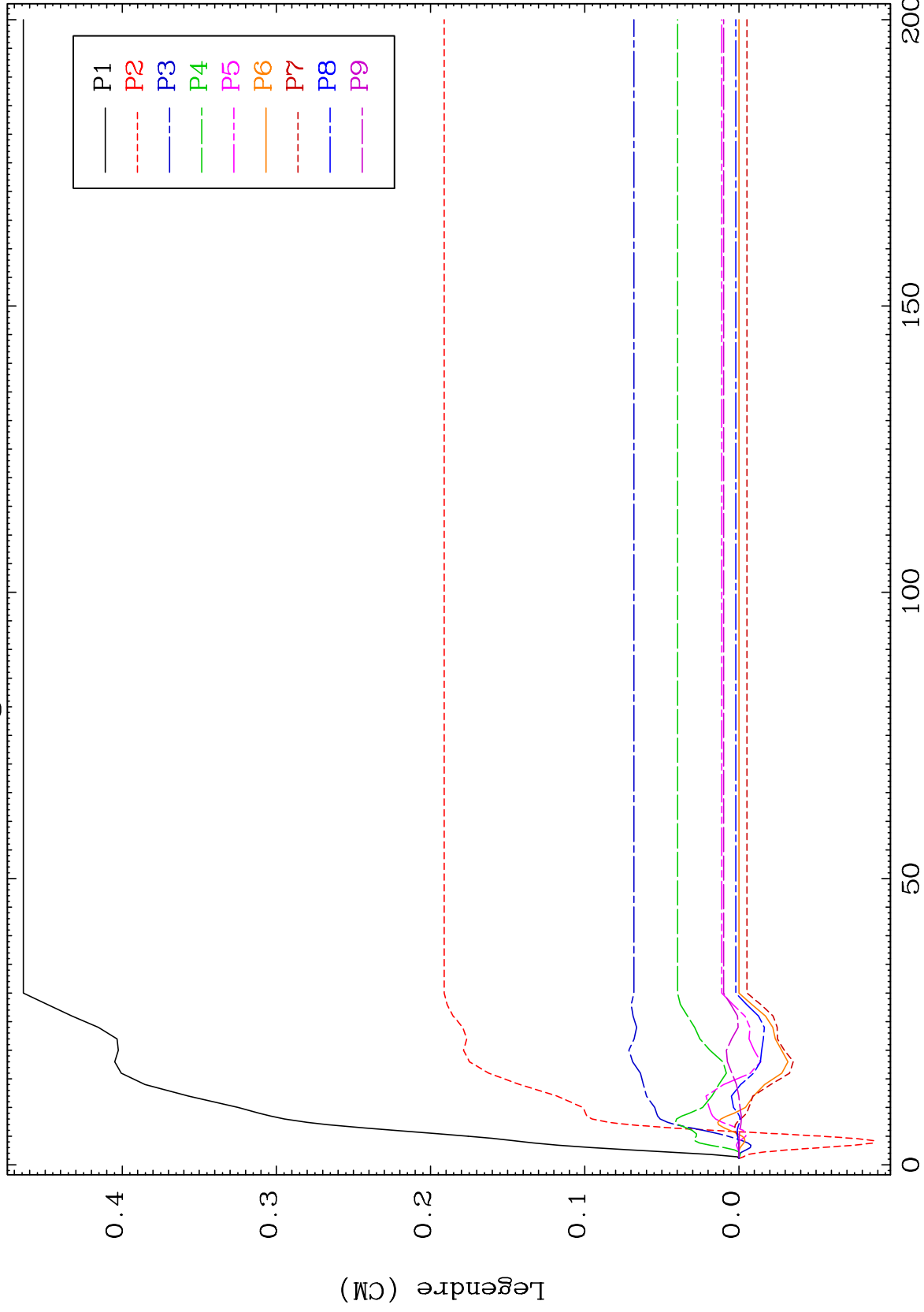
57-La-125



MAT 5686

MT= 64 (n,n') Level
Legendre Coefficients

57-La-125



74

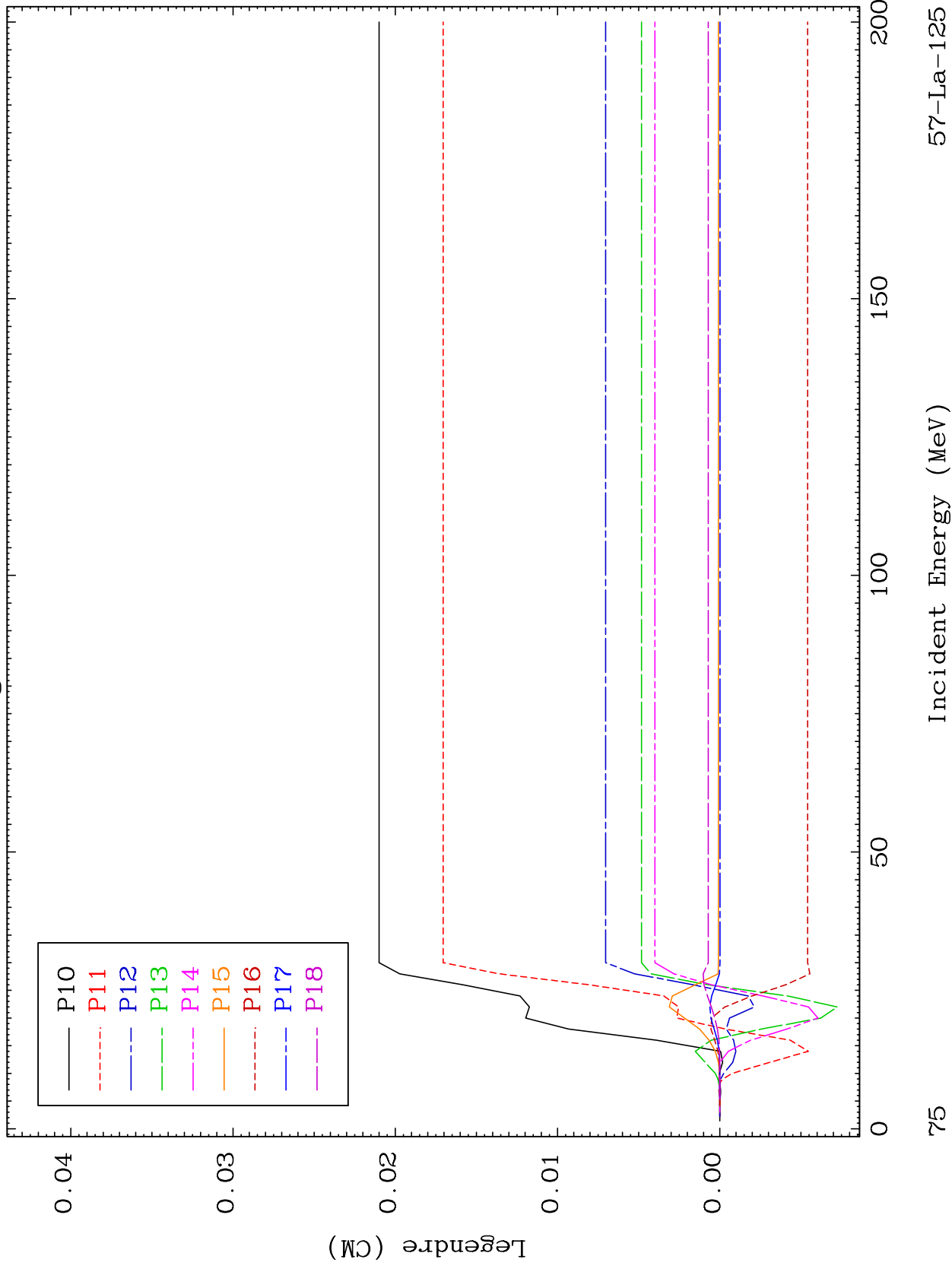
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 64 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

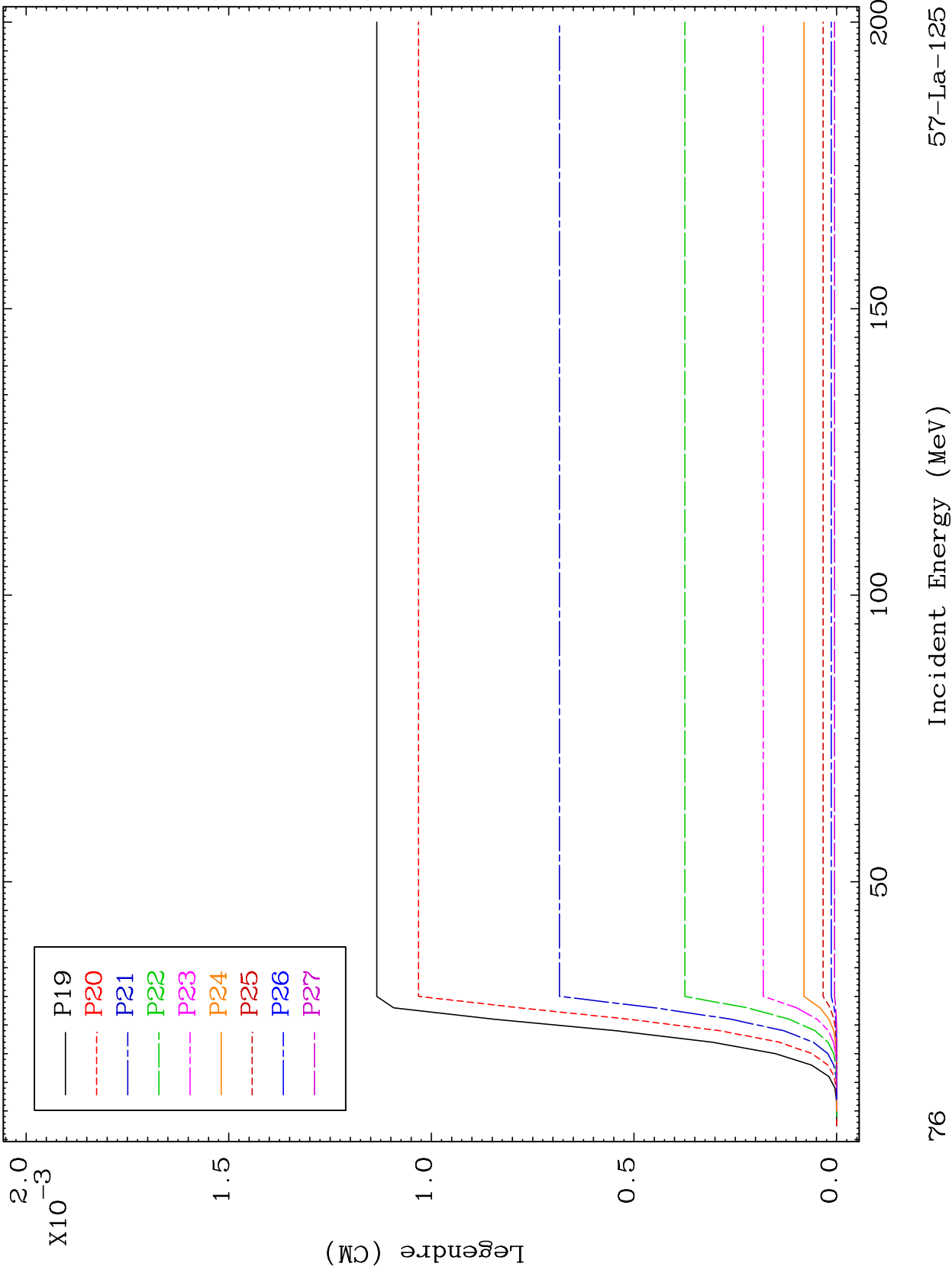
Incident Energy (MeV)

75

MAT 5686

MT= 64 (n,n') Level
Legendre Coefficients

57-La-125



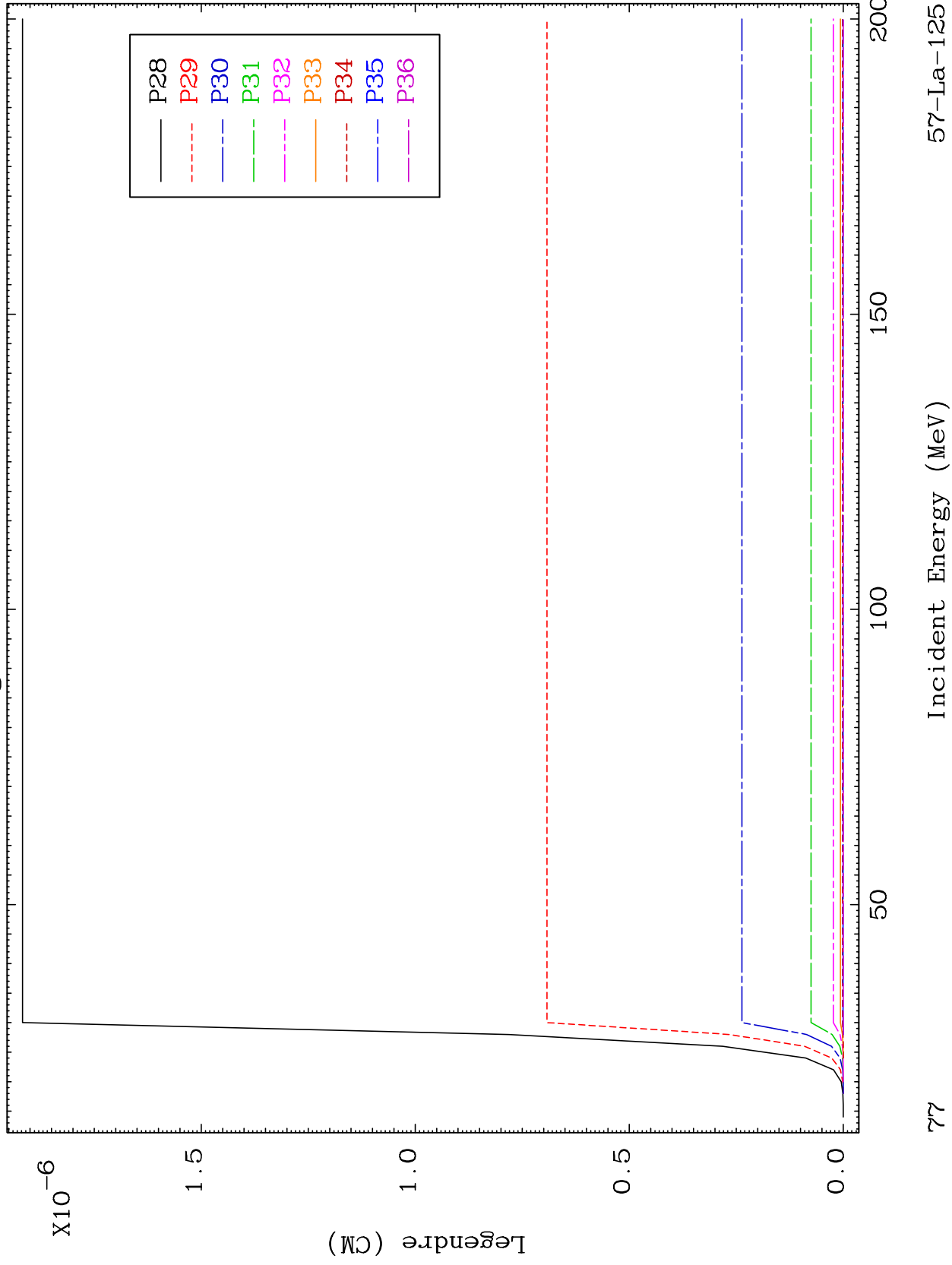
76

57-La-125

MAT 5686

MT= 64 (n,n') Level
Legendre Coefficients

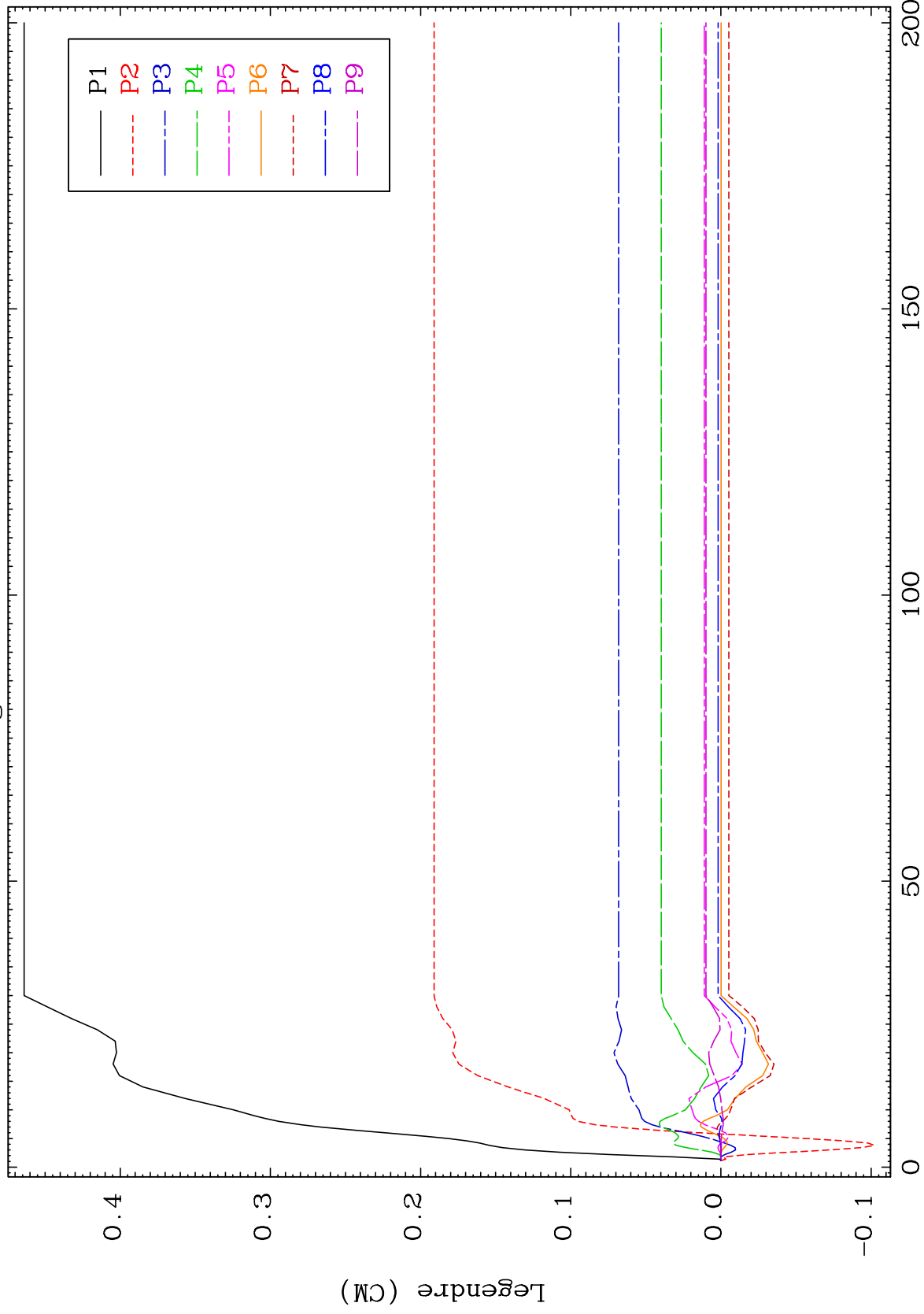
57-La-125



MAT 5686

MT= 65 (n,n') Level
Legendre Coefficients

57-La-125



78

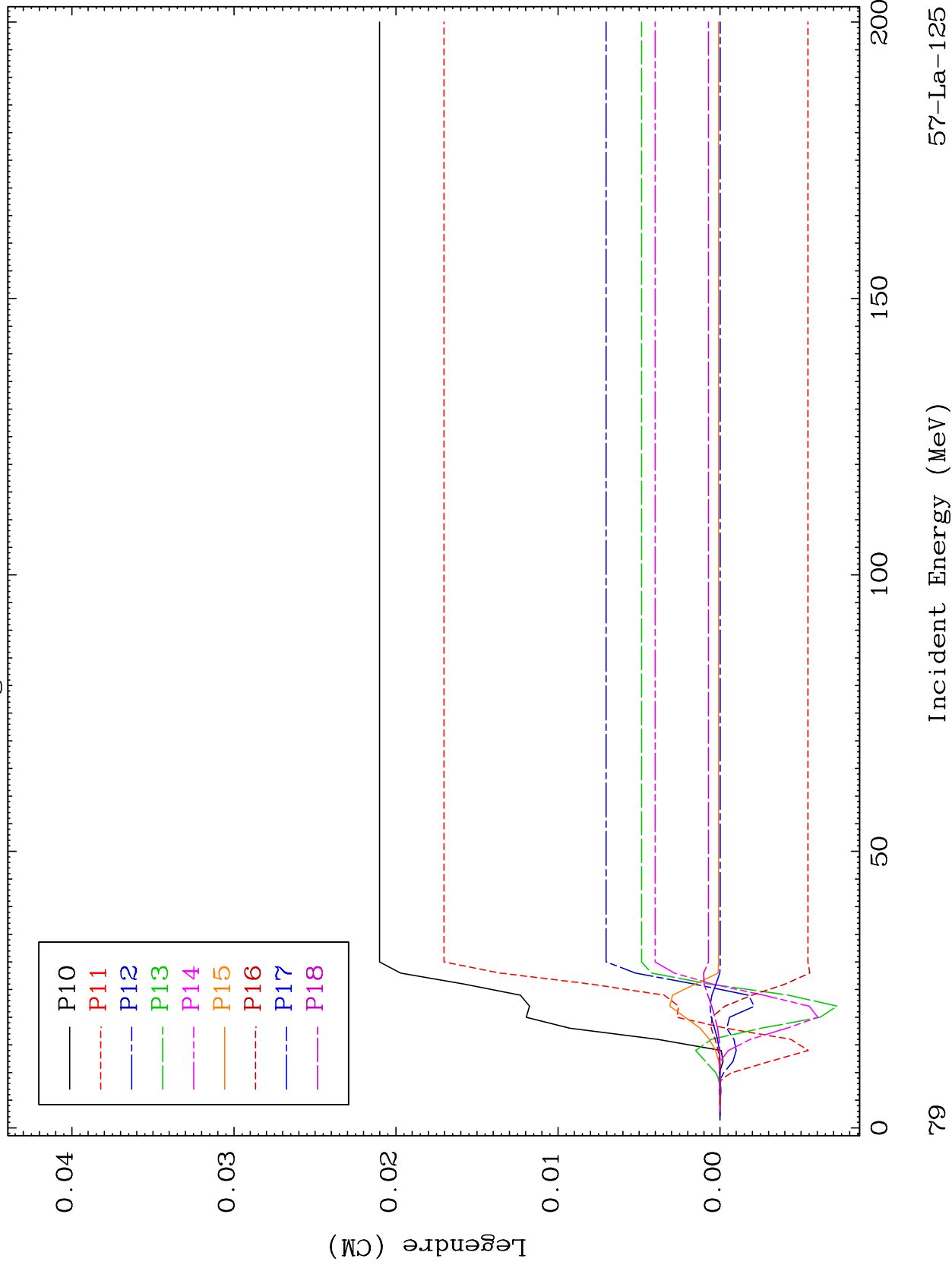
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 65 (n,n') Level
Legendre Coefficients

57-La-125



79

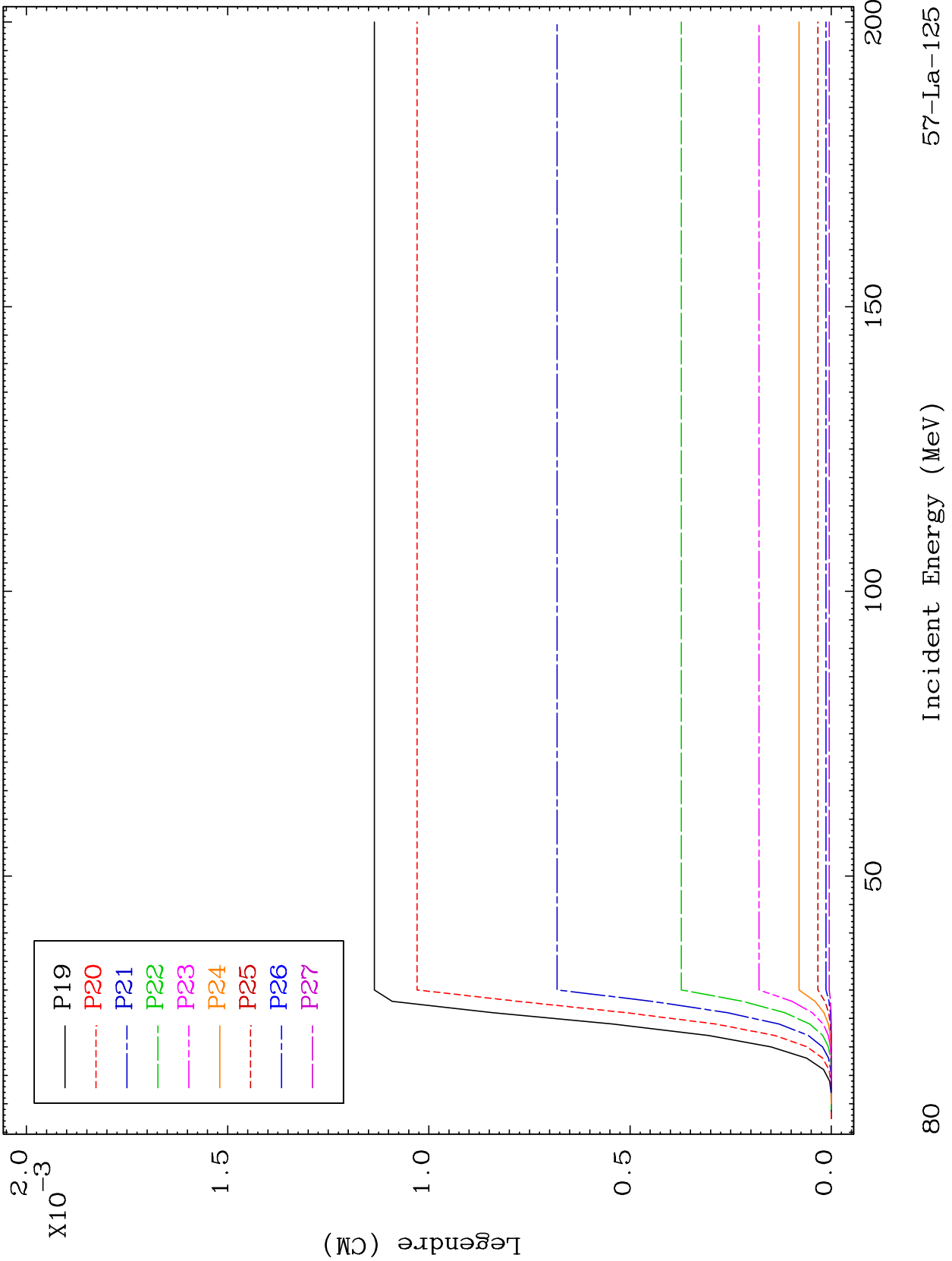
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 65 (n,n') Level
Legendre Coefficients

57-La-125



80

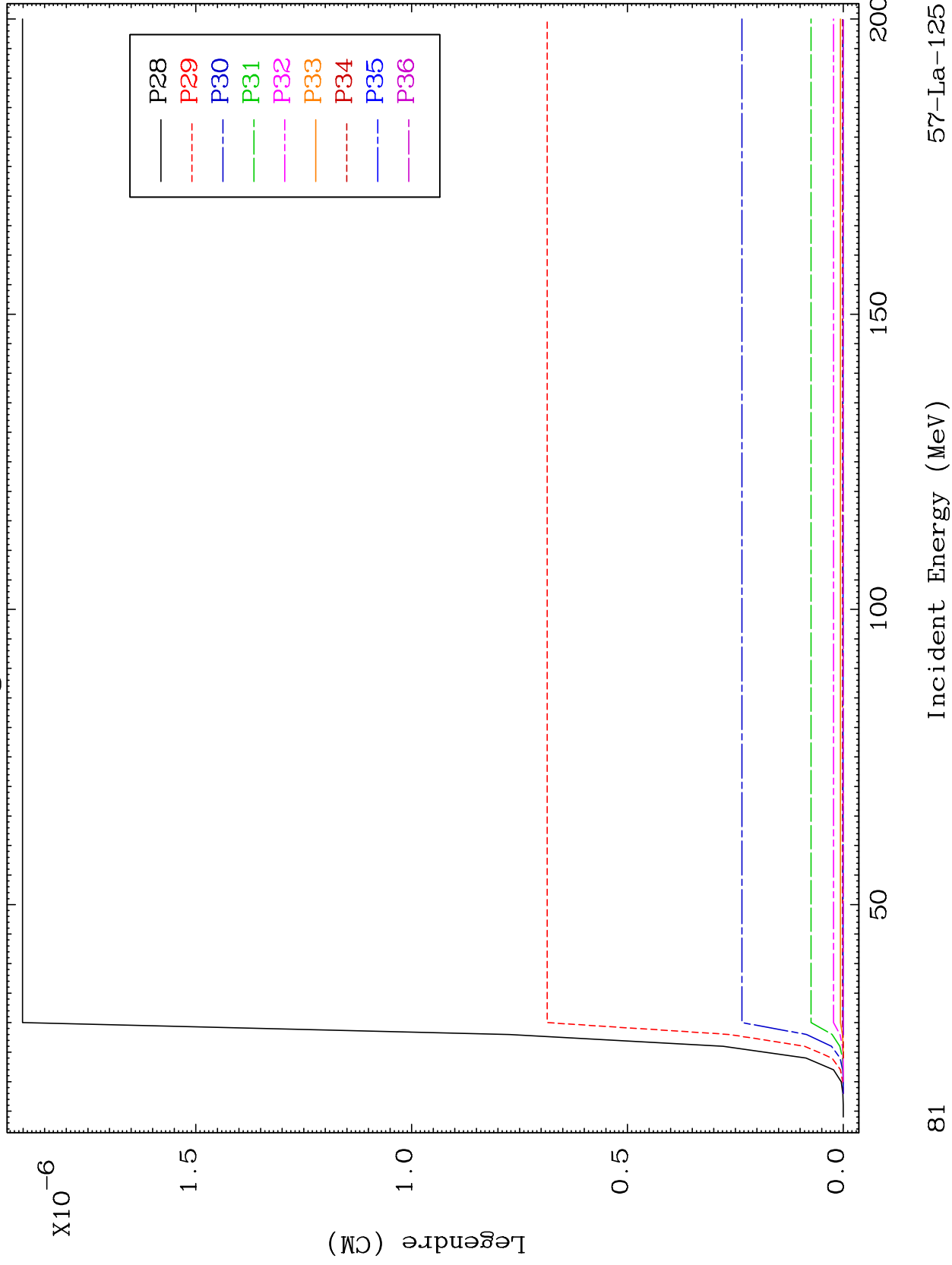
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 65 (n,n') Level
Legendre Coefficients

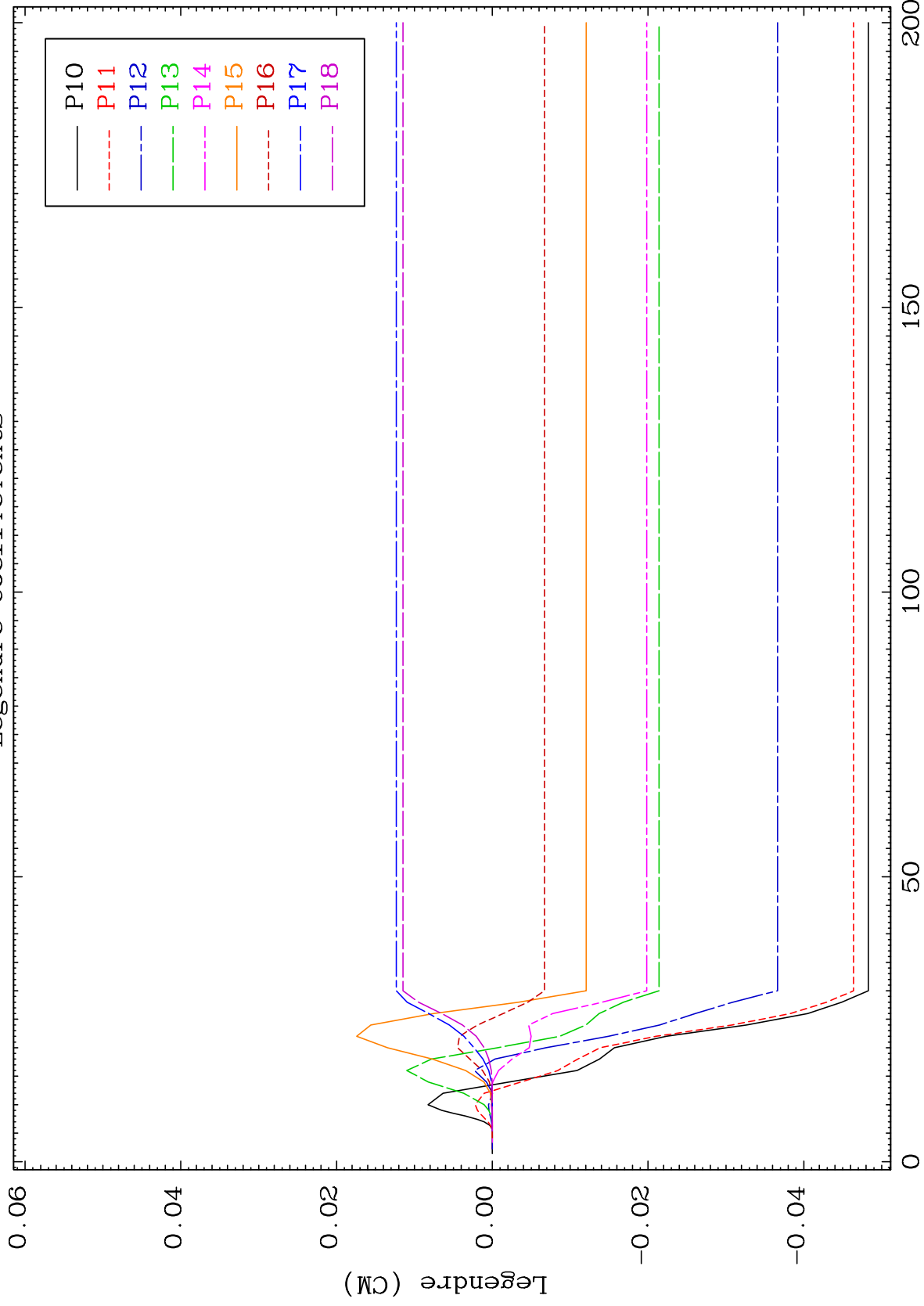
57-La-125



MAT 5686

MT= 66 (n,n') Level
Legendre Coefficients

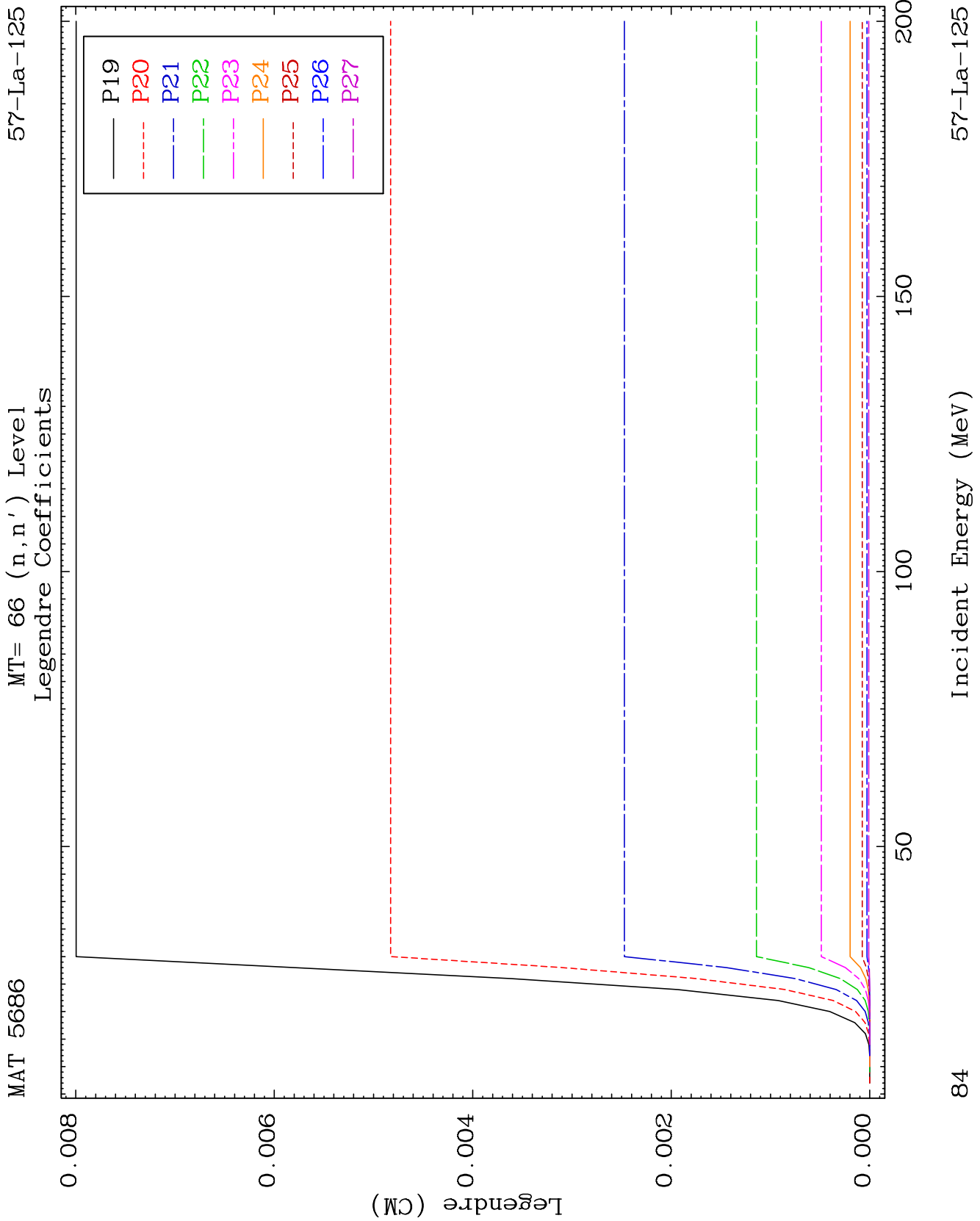
57-La-125



83

Incident Energy (MeV)

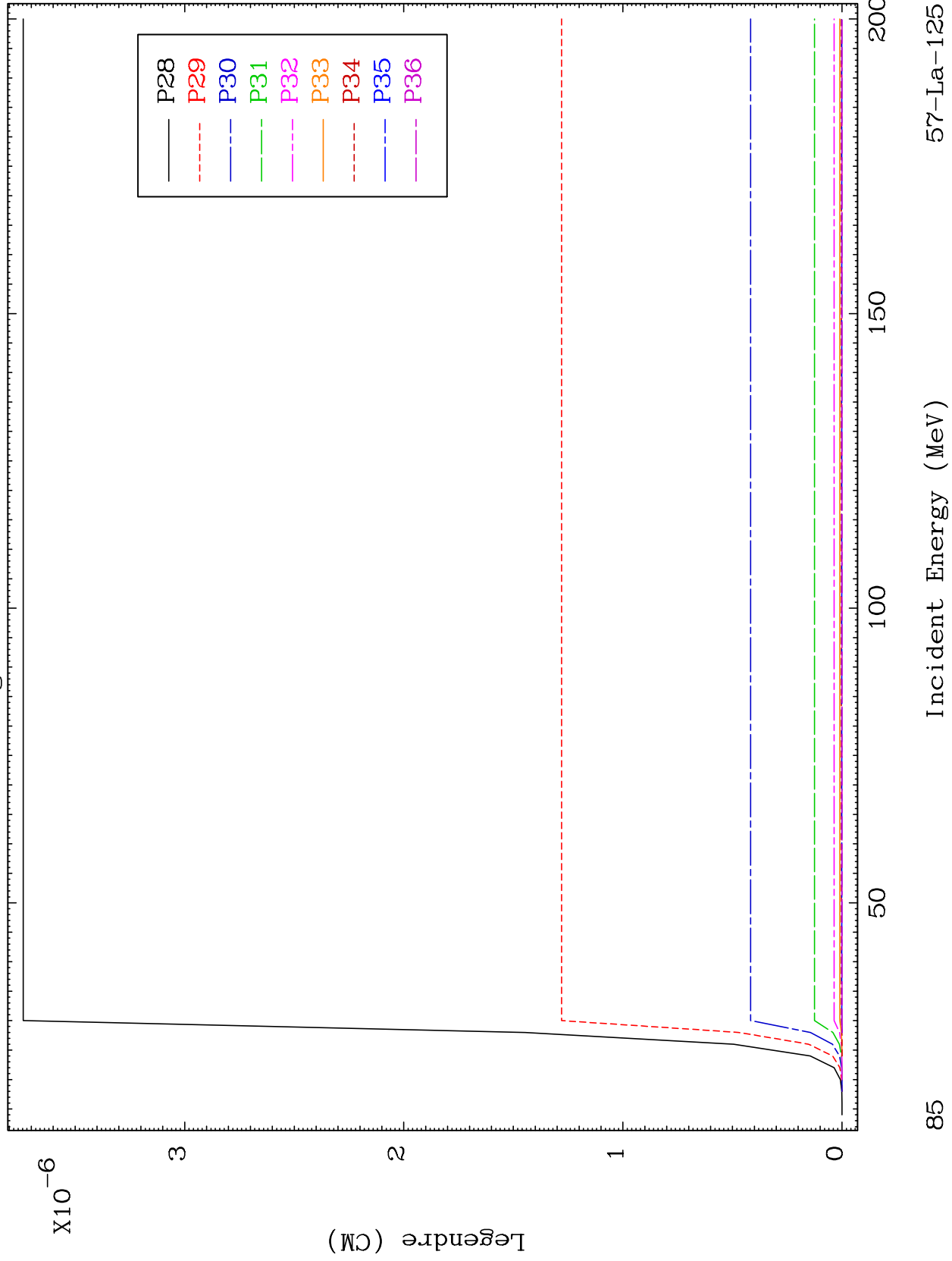
57-La-125



MAT 5686

MT= 66 (n,n') Level
Legendre Coefficients

57-La-125



85

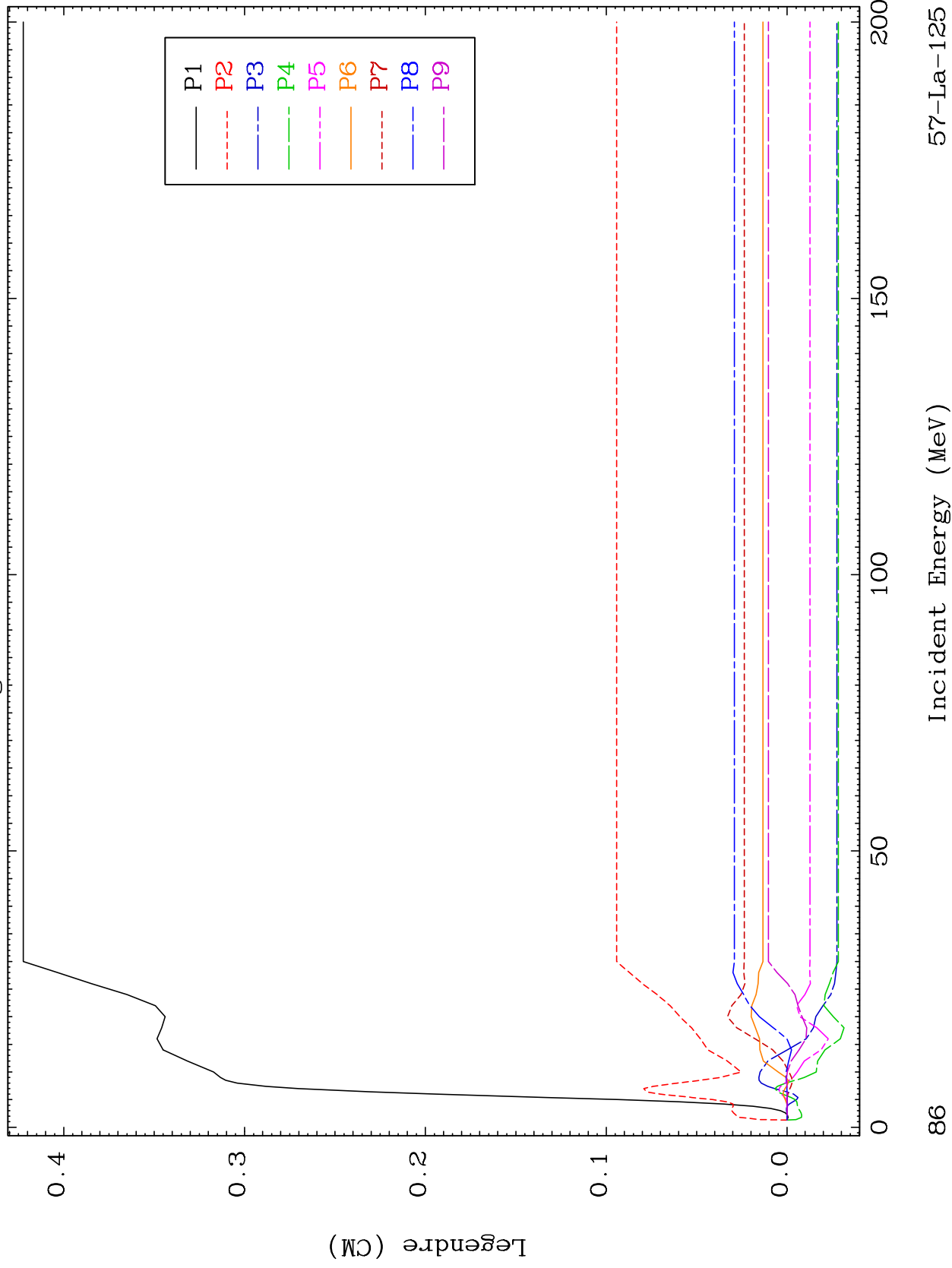
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 67 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

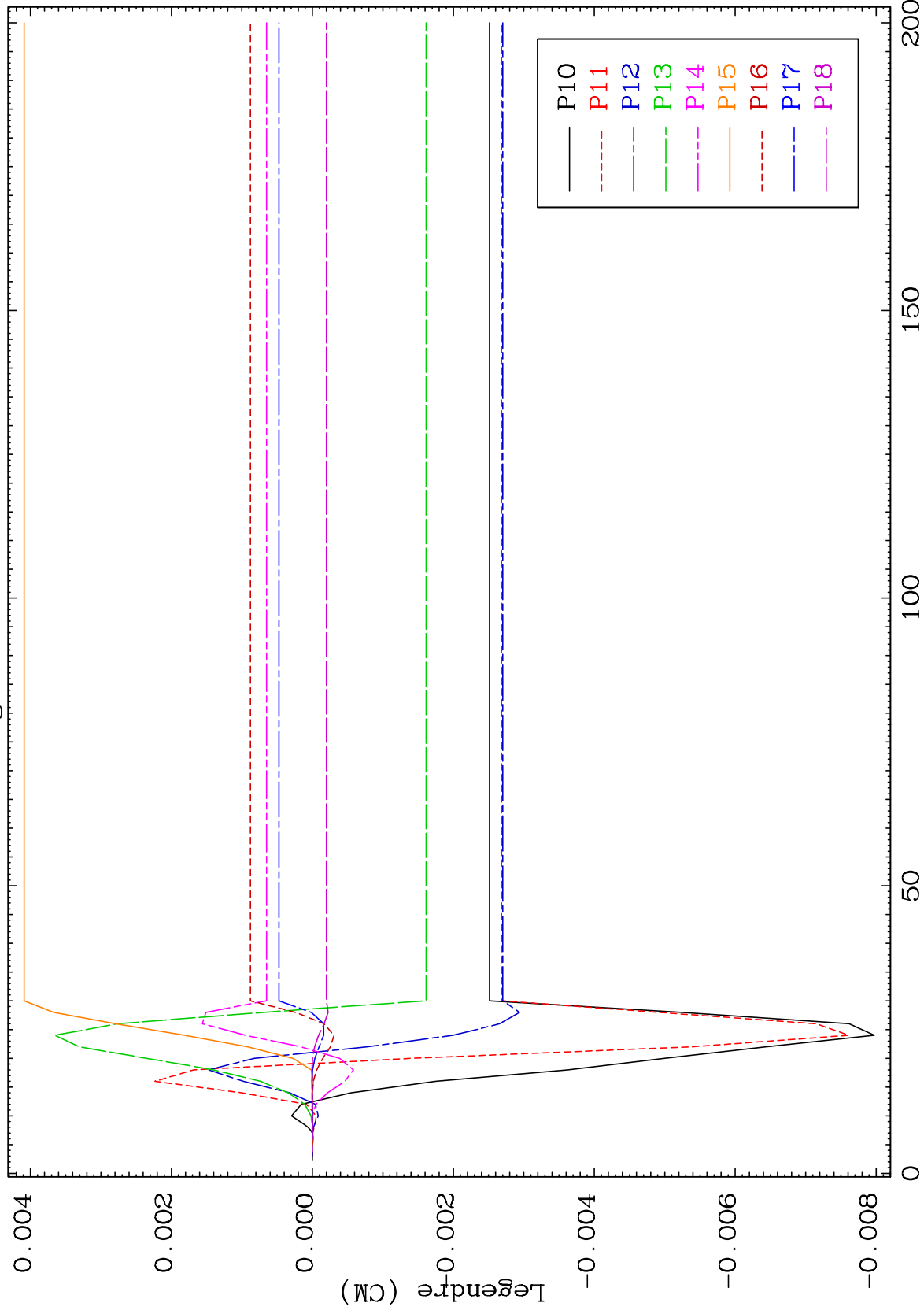
Incident Energy (MeV)

86

MAT 5686

MT= 67 (n,n') Level
Legendre Coefficients

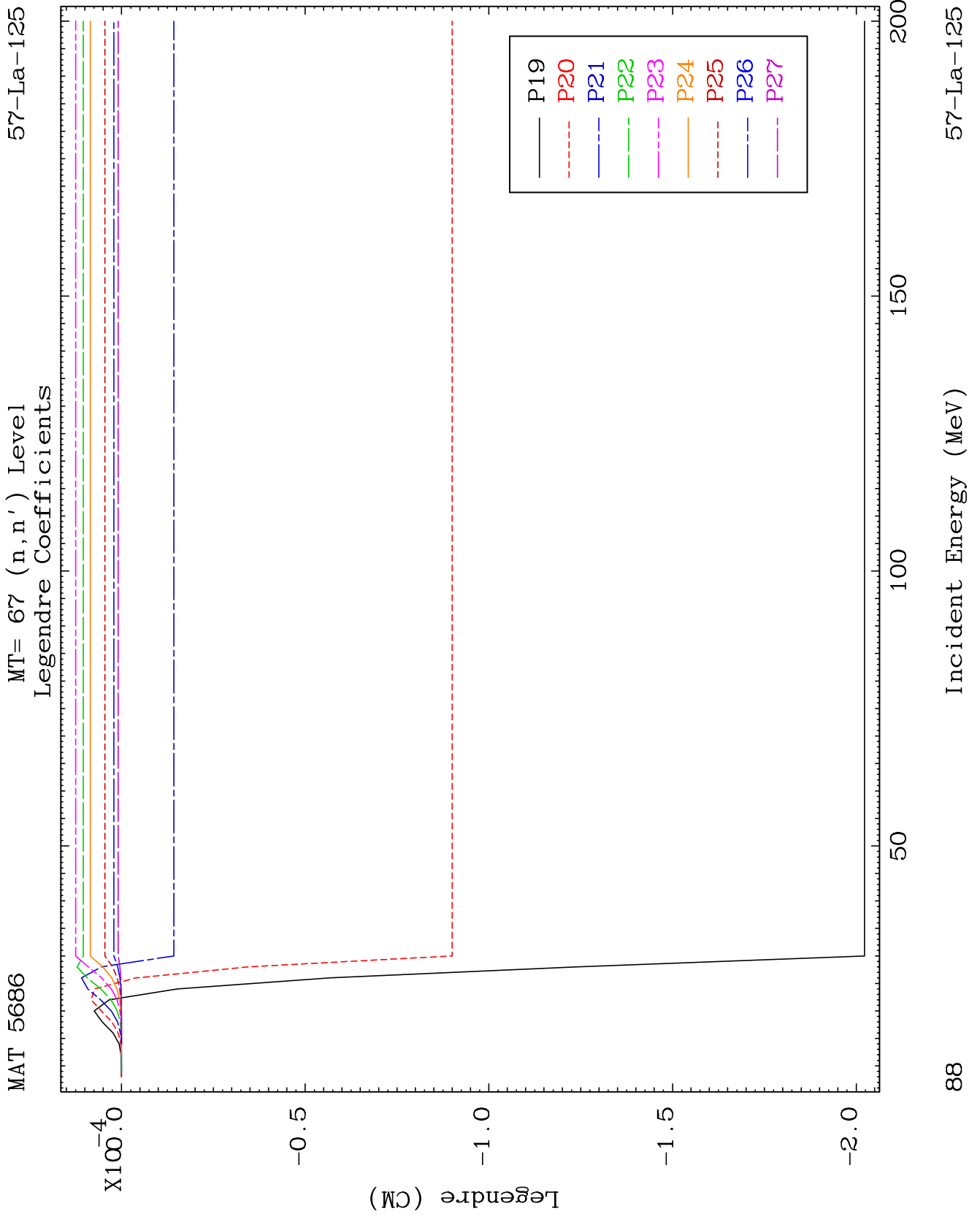
57-La-125



87

Incident Energy (MeV)

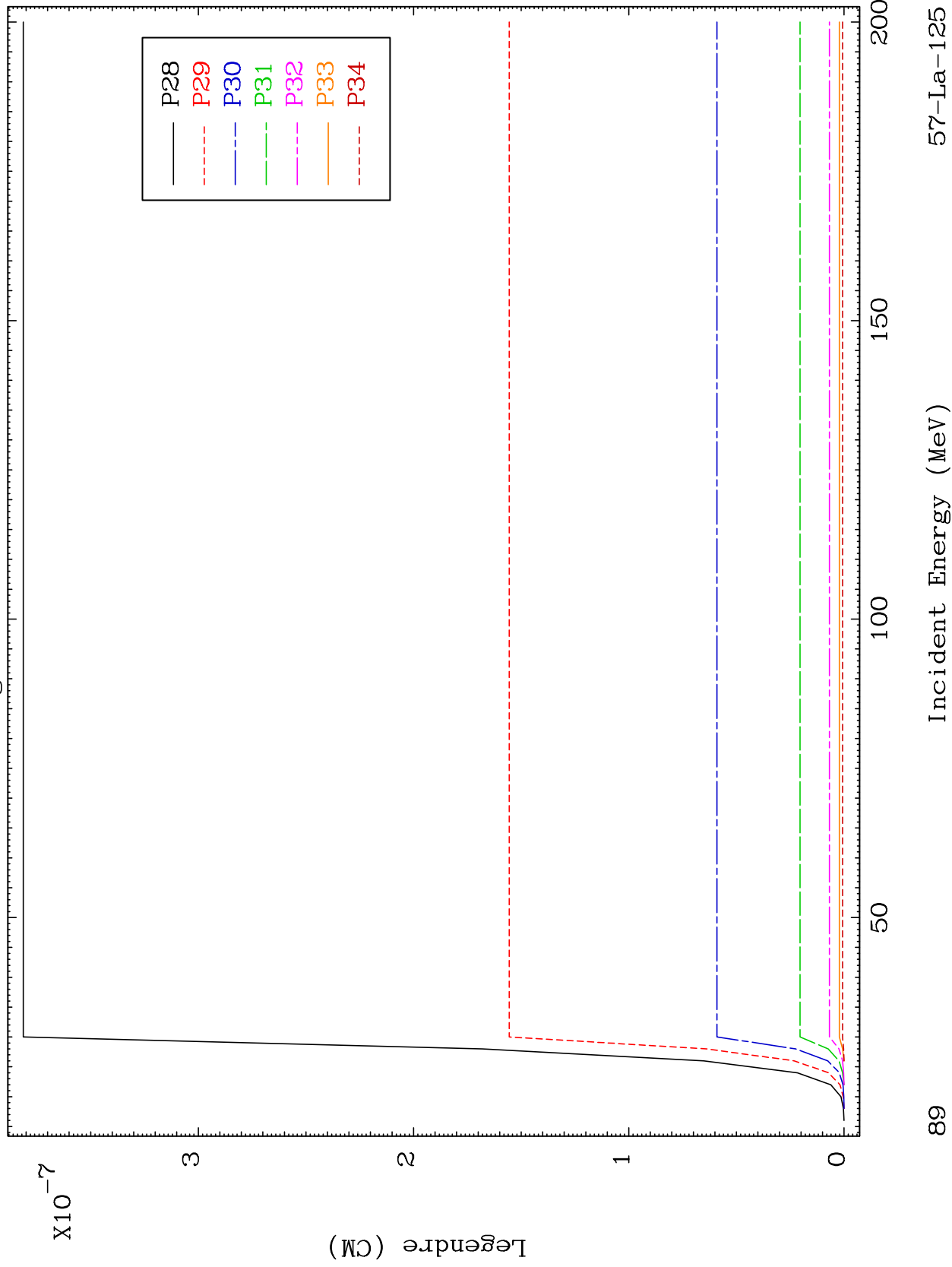
57-La-125



MAT 5686

MT= 67 (n,n') Level
Legendre Coefficients

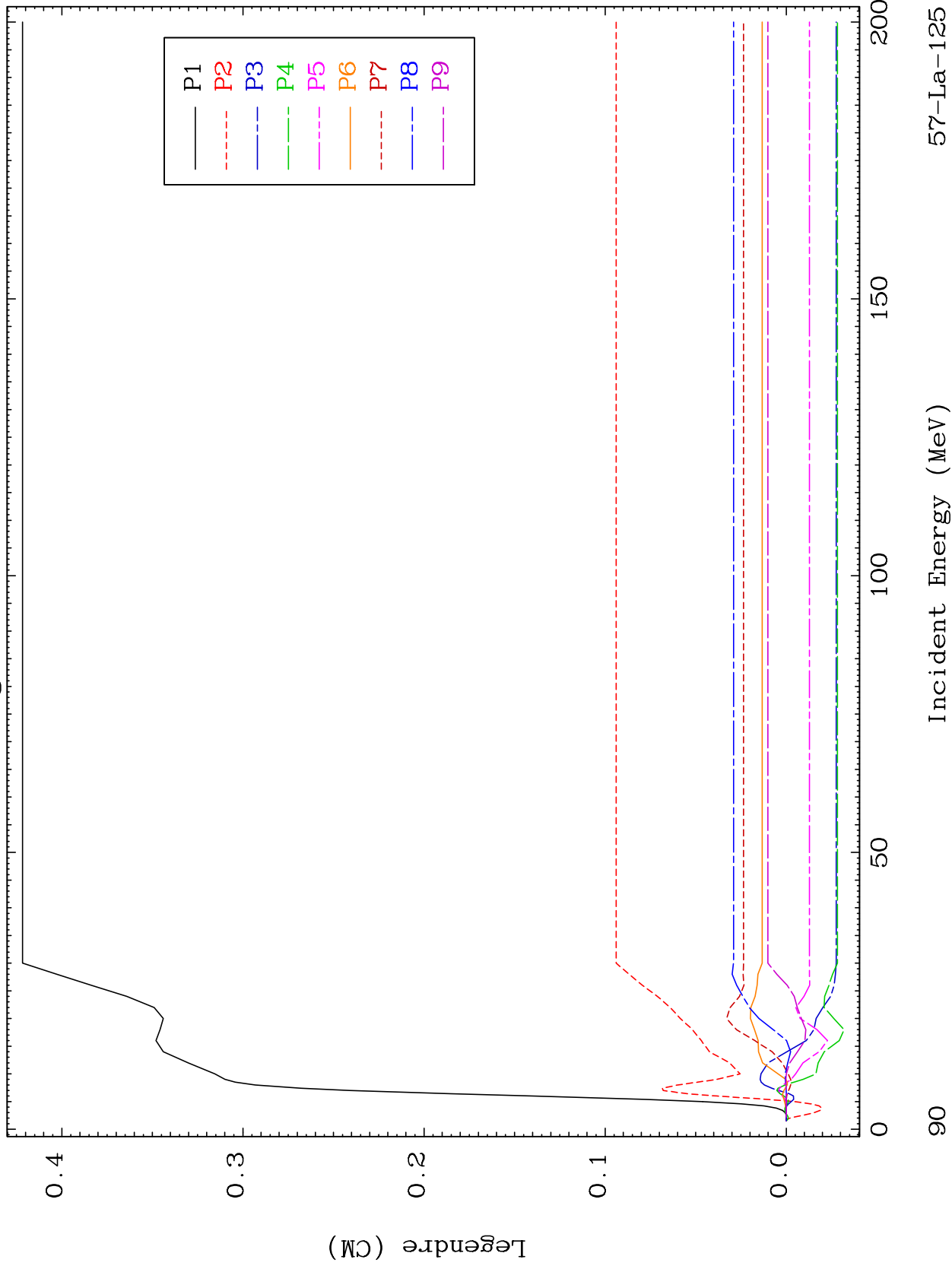
57-La-125



MAT 5686

MT= 68 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

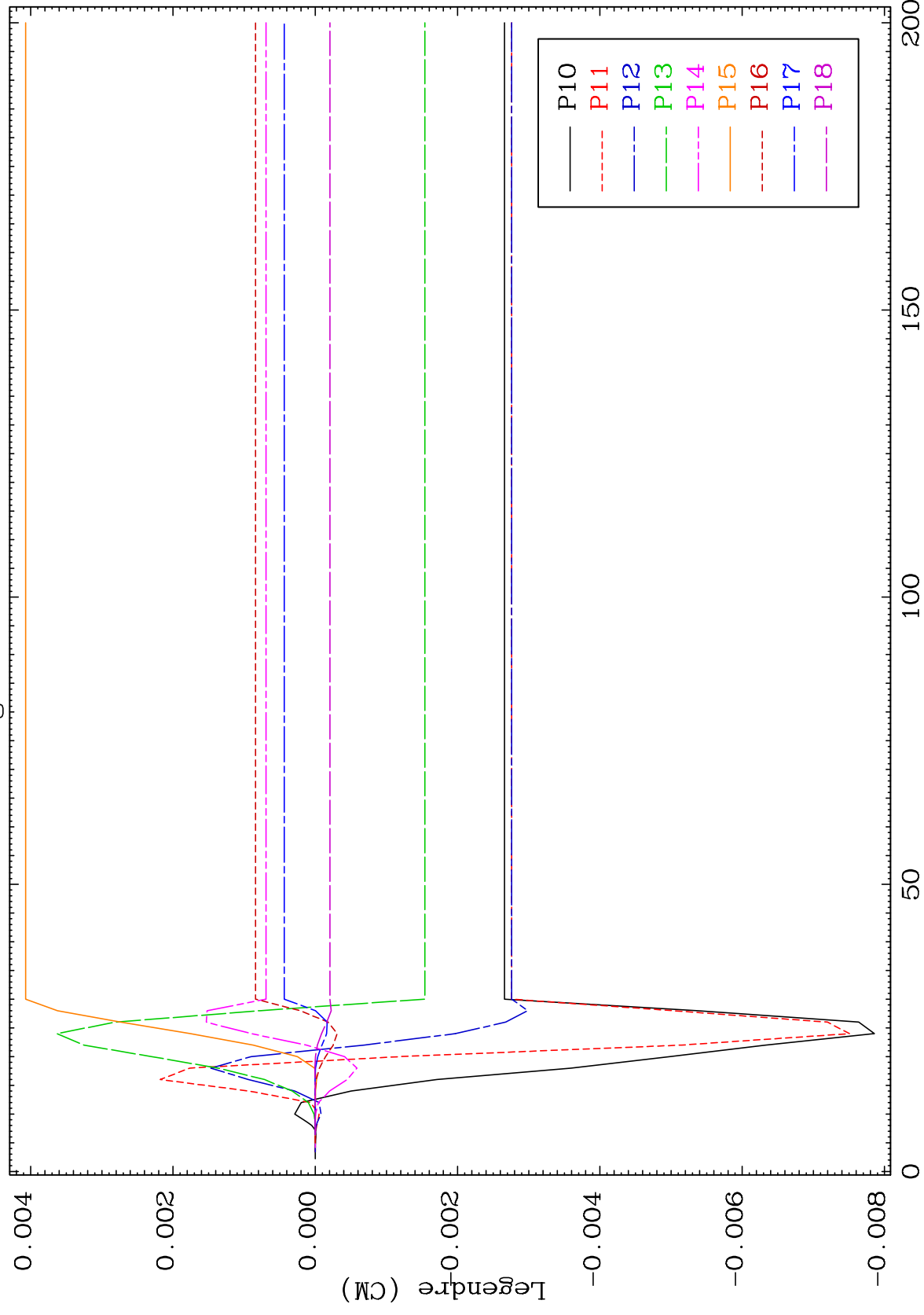
Incident Energy (MeV)

90

MAT 5686

MT= 68 (n,n') Level
Legendre Coefficients

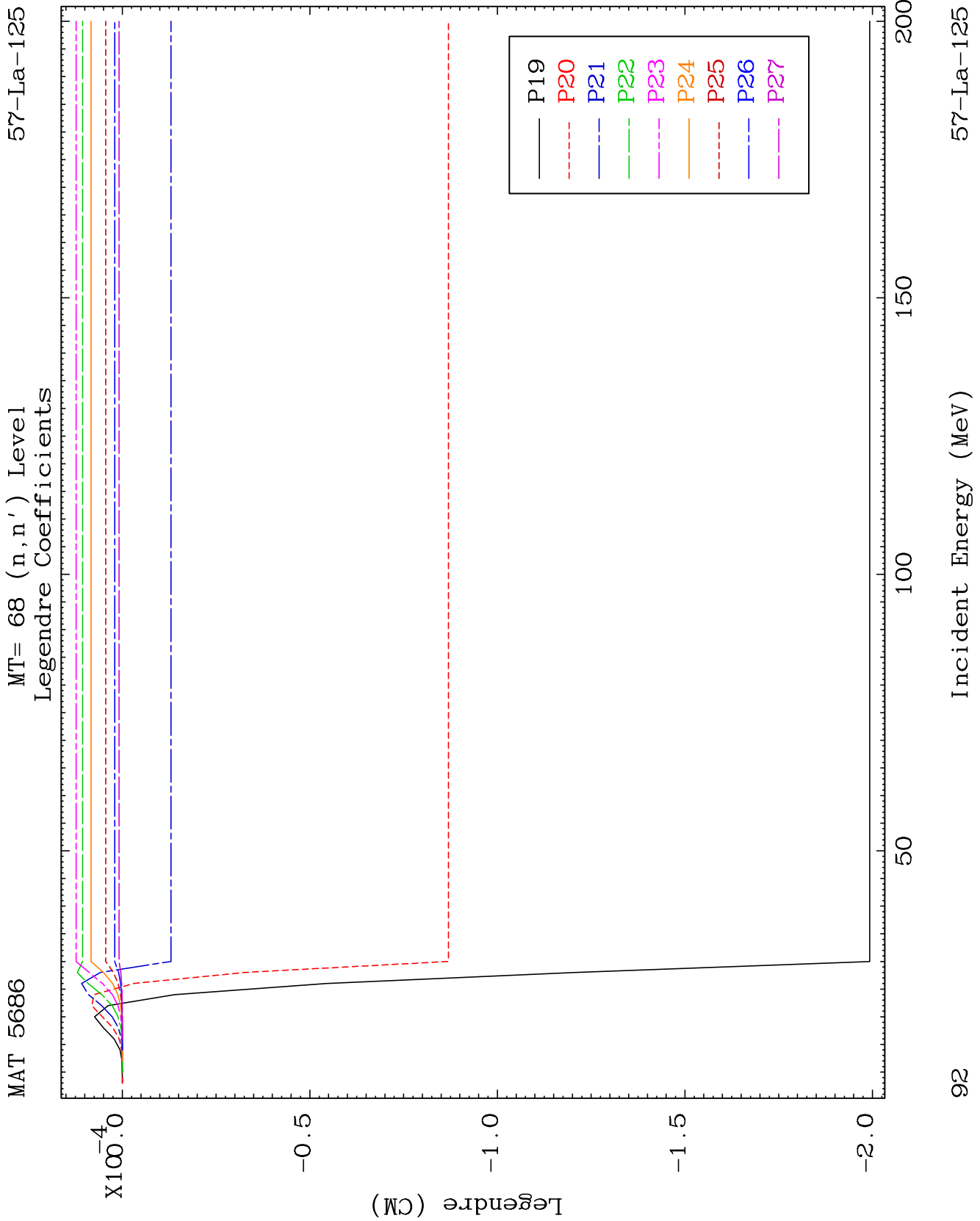
57-La-125



91

Incident Energy (MeV)

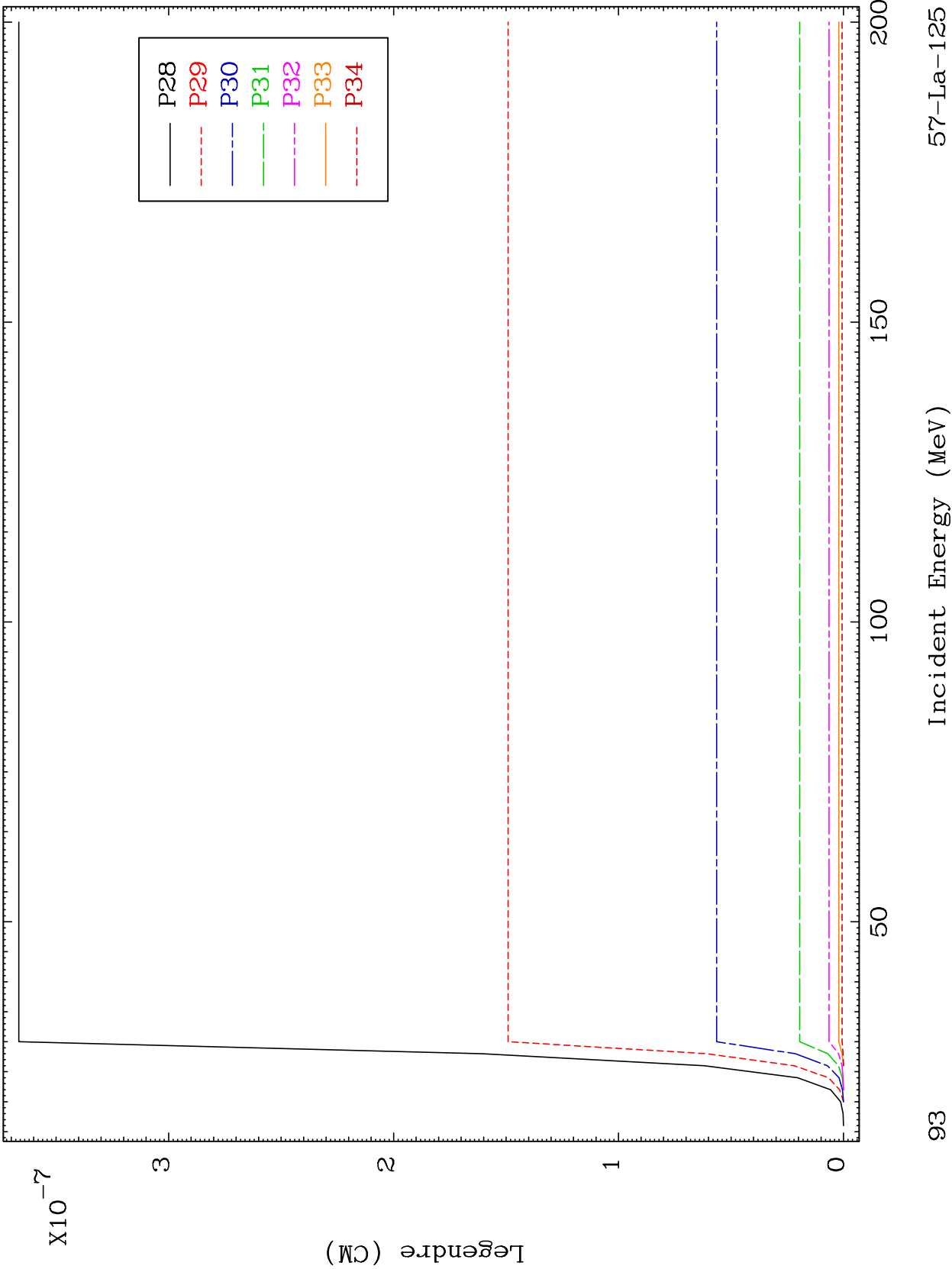
57-La-125



MAT 5686

MT= 68 (n,n') Level
Legendre Coefficients

57-La-125



93

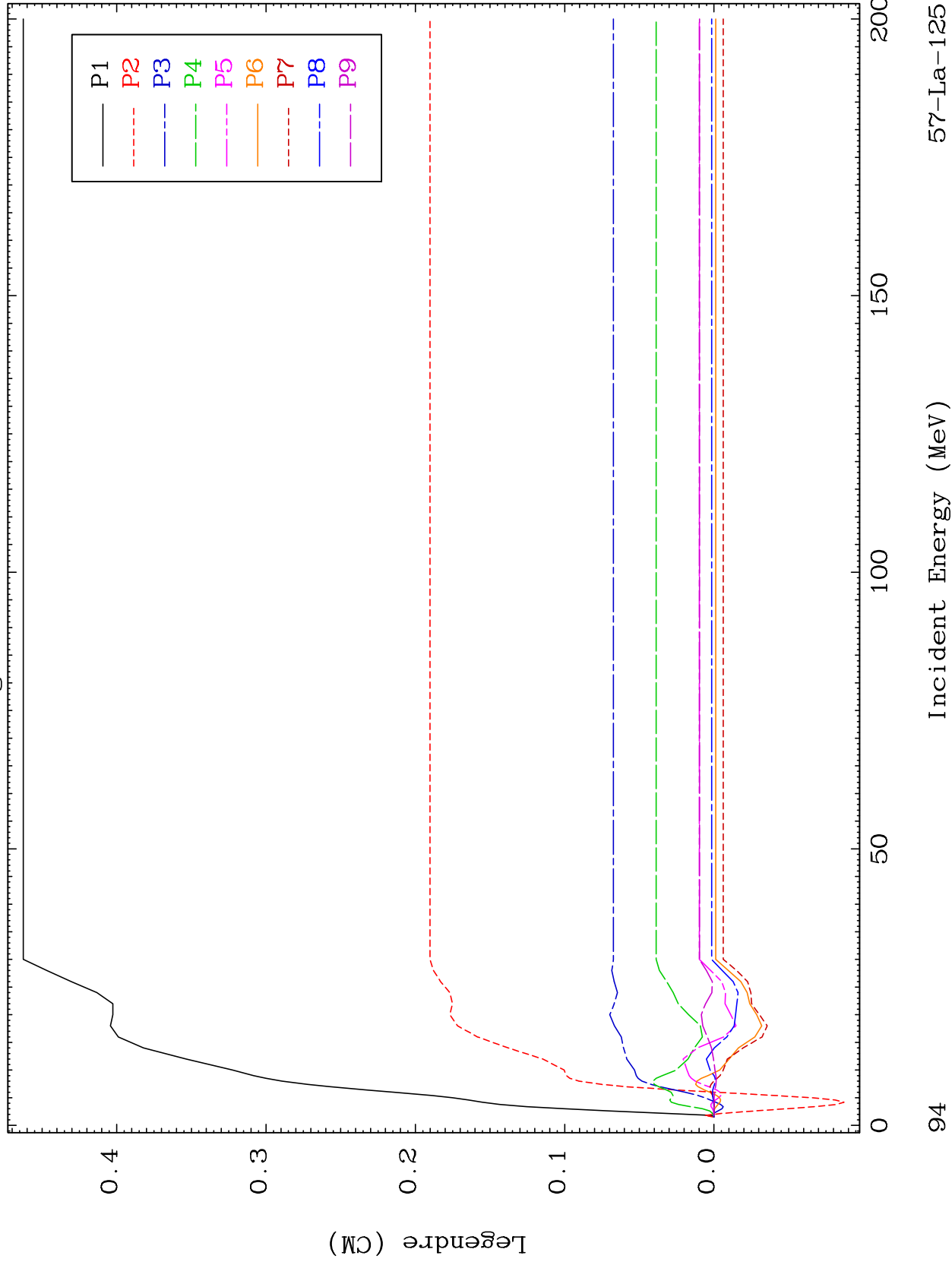
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 69 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

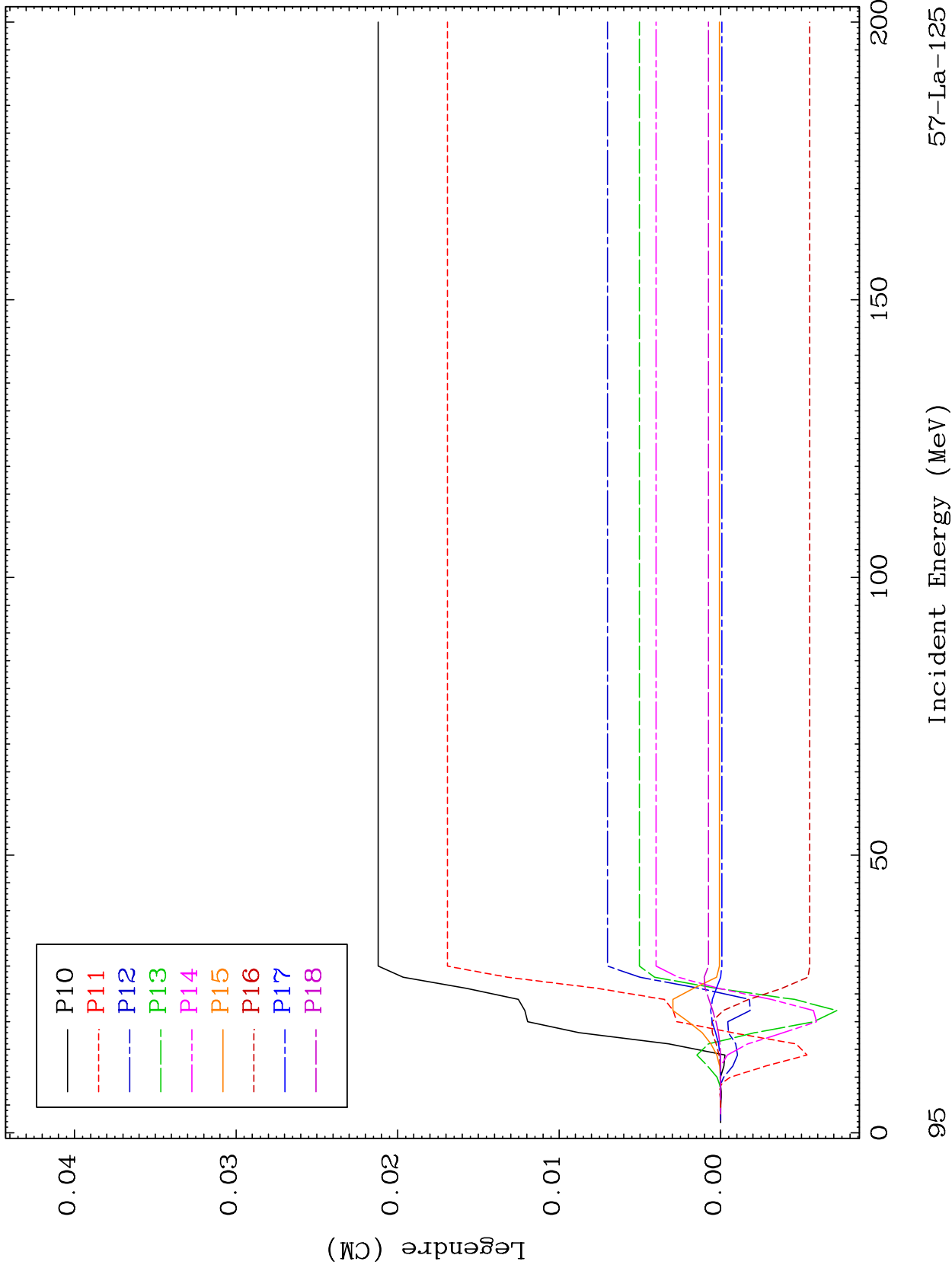
Incident Energy (MeV)

94

MAT 5686

MT= 69 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

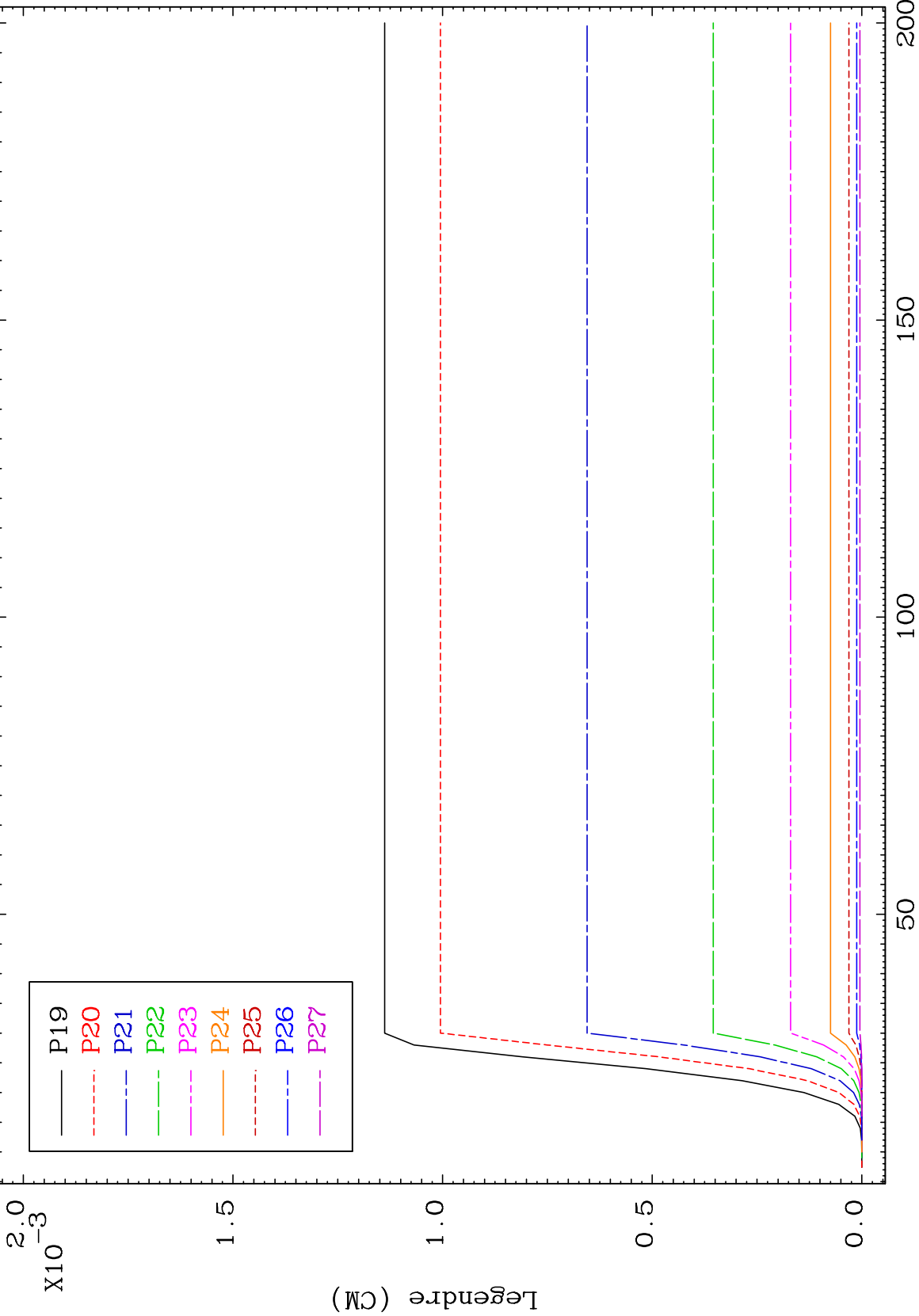
Incident Energy (MeV)

95

MAT 5686

MT= 69 (n,n') Level
Legendre Coefficients

57-La-125



96

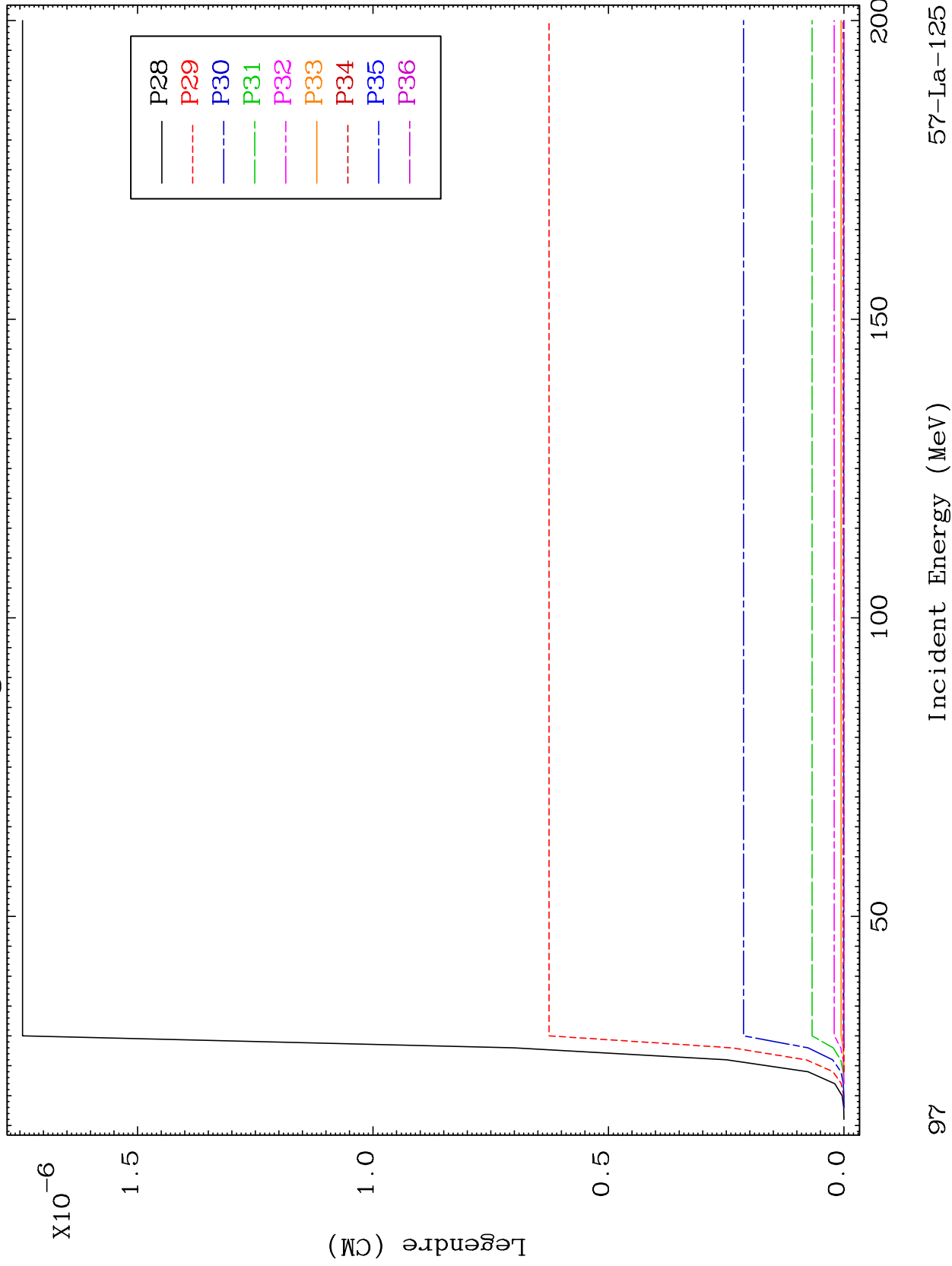
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 69 (n,n') Level
Legendre Coefficients

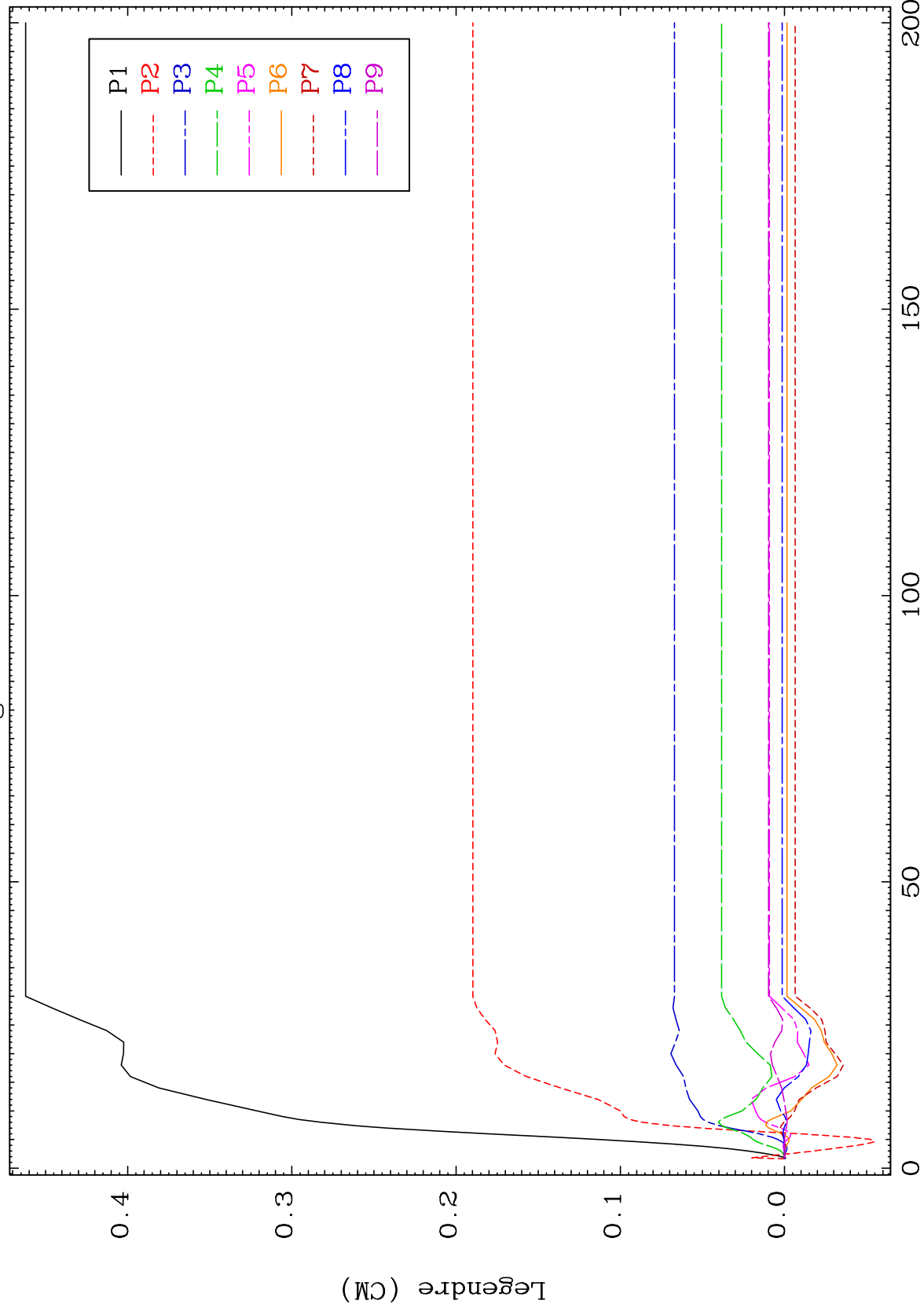
57-La-125



MAT 5686

MT= 70 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

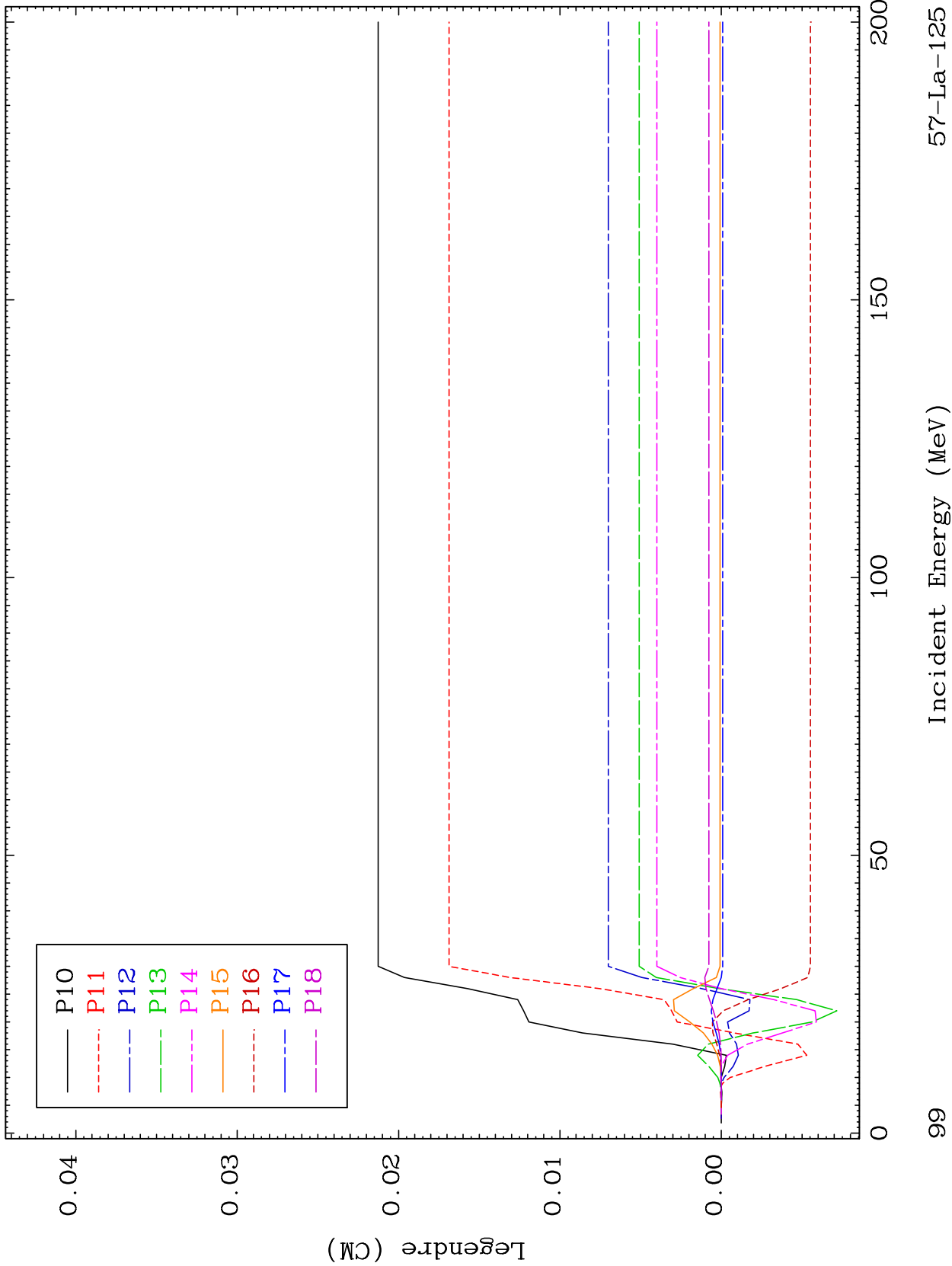
Incident Energy (MeV)

98

MAT 5686

MT= 70 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

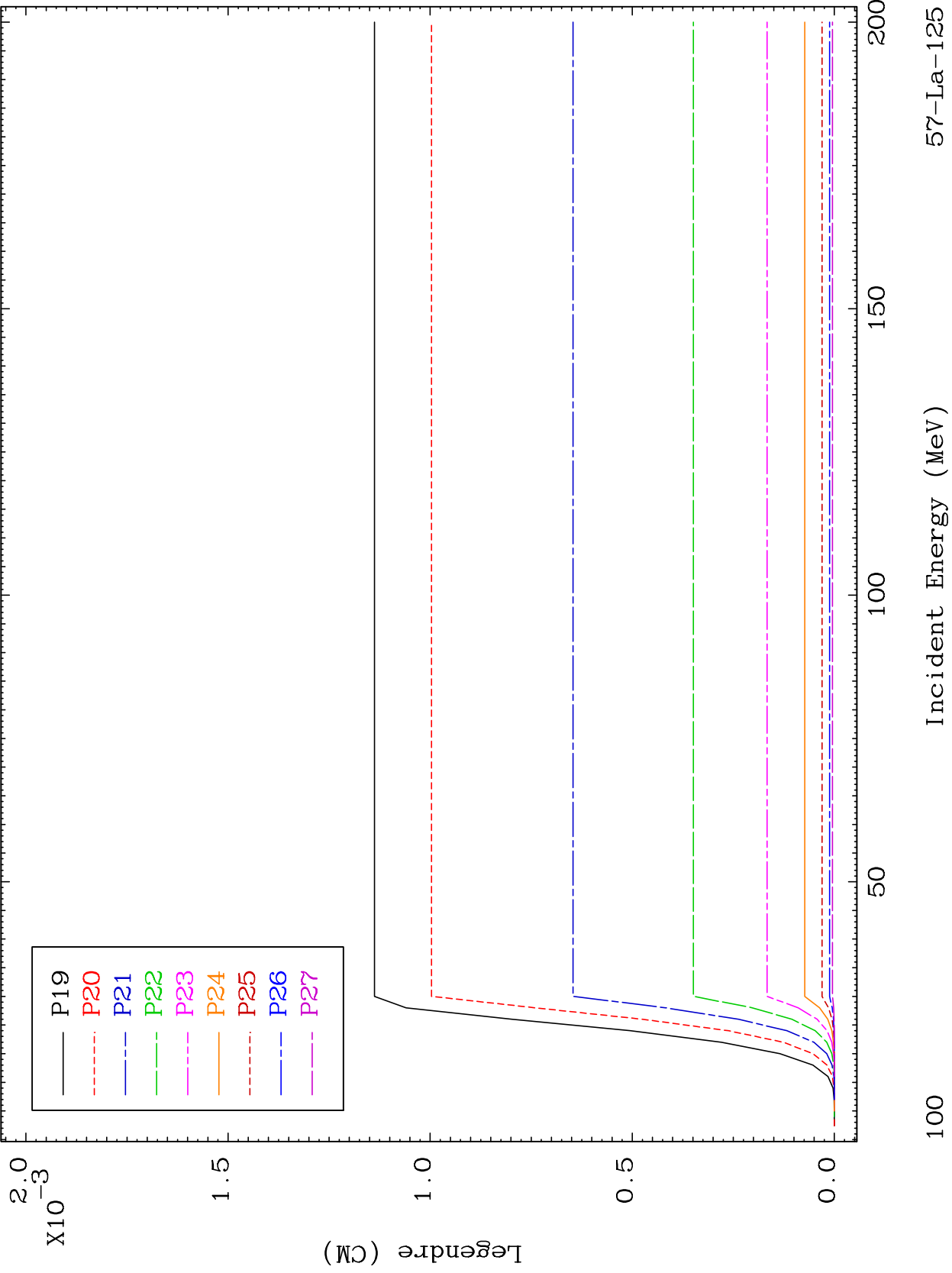
Incident Energy (MeV)

99

MAT 5686

MT= 70 (n,n') Level
Legendre Coefficients

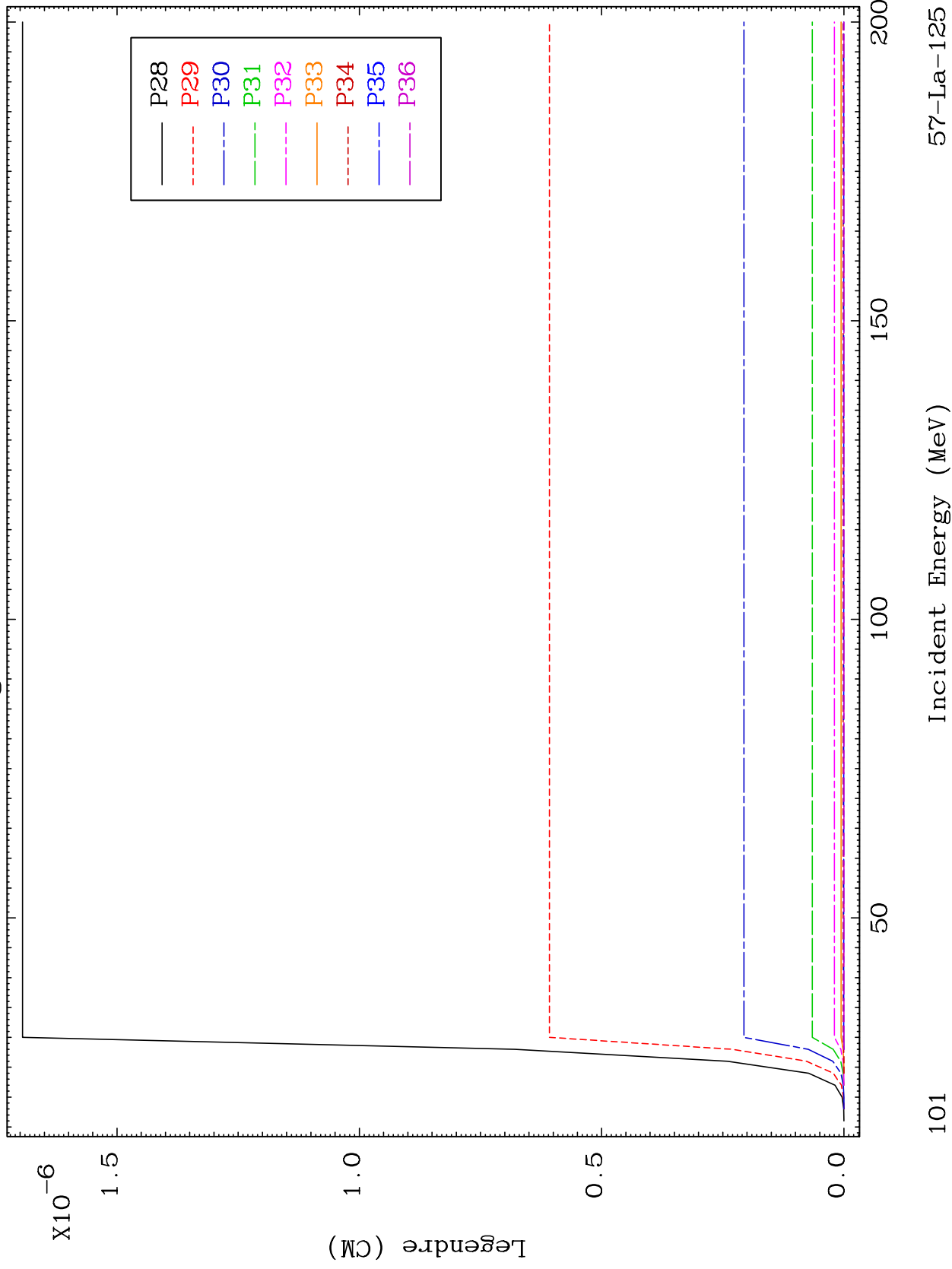
57-La-125



MAT 5686

MT= 70 (n,n') Level
Legendre Coefficients

57-La-125



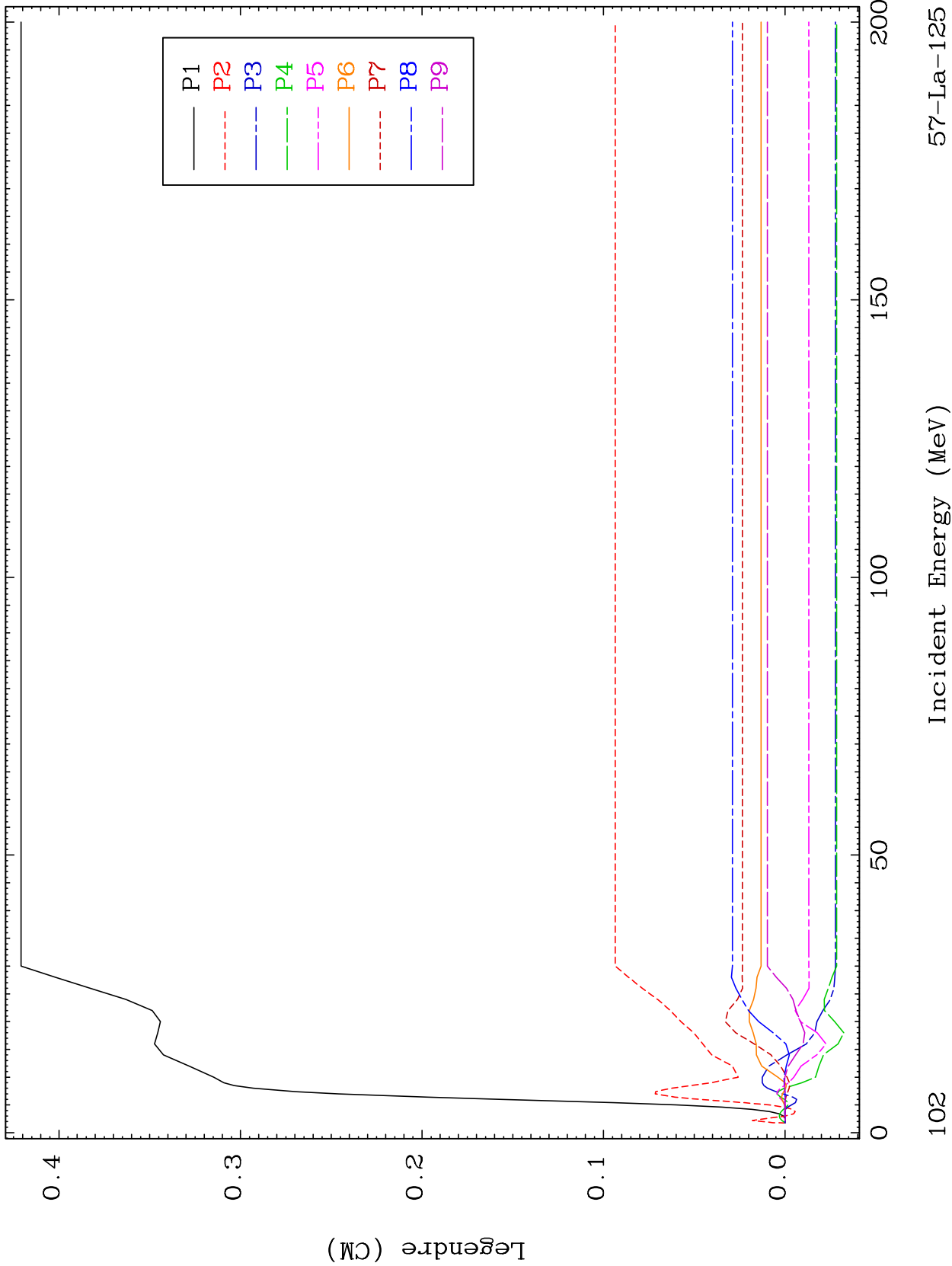
101

57-La-125

MAT 5686

MT= 71 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

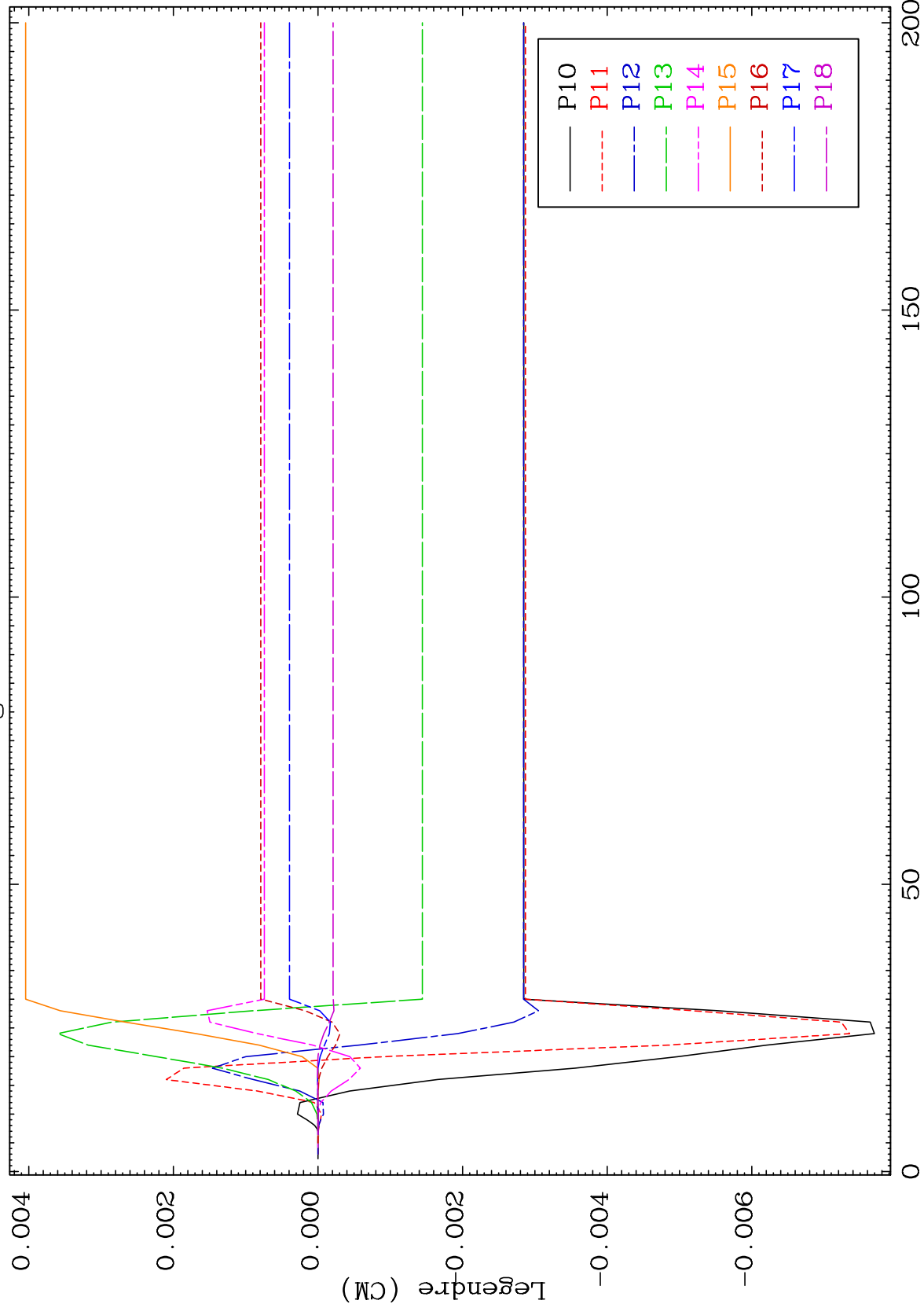
Incident Energy (MeV)

102

MAT 5686

MT= 71 (n,n') Level
Legendre Coefficients

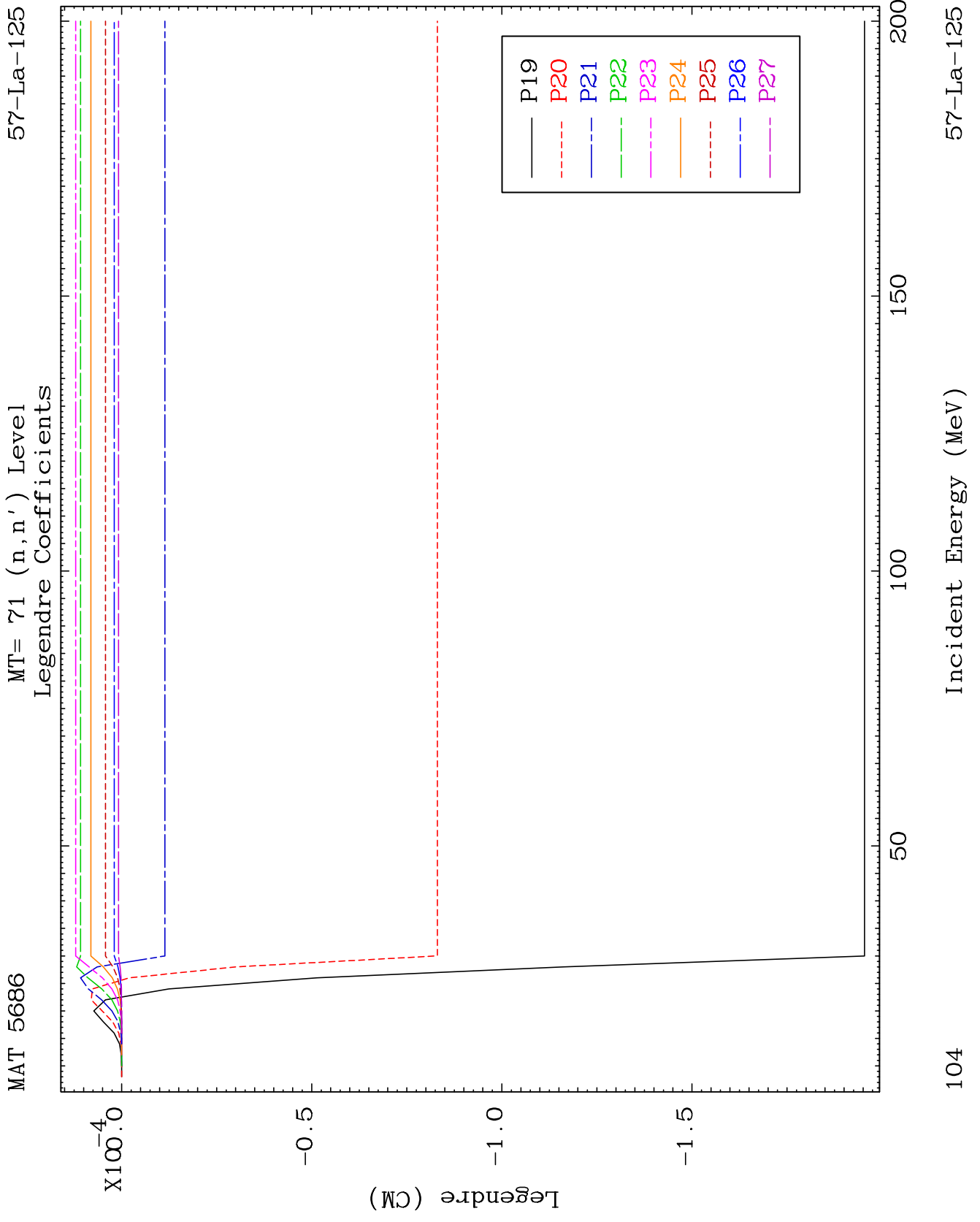
57-La-125



103

Incident Energy (MeV)

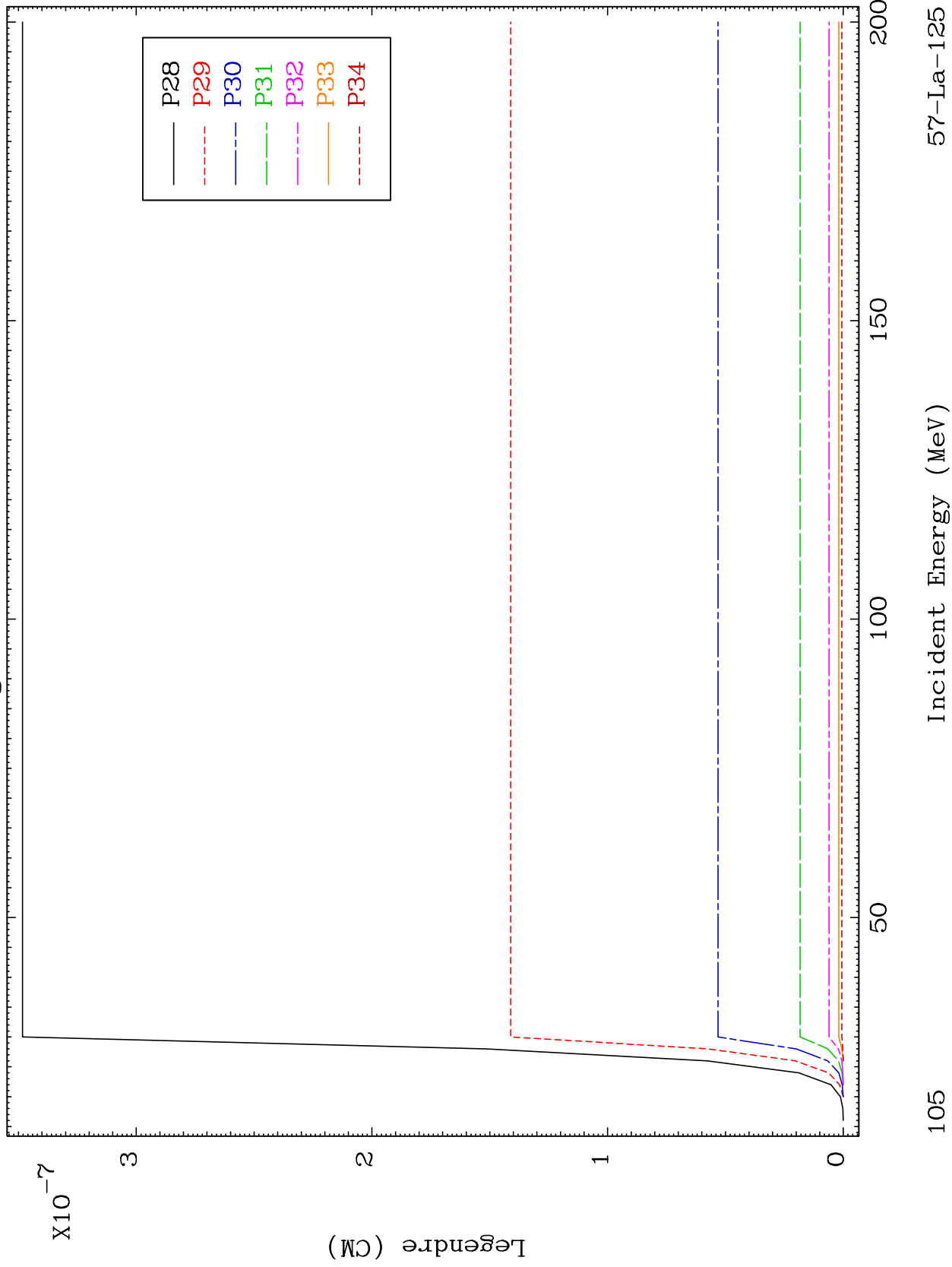
57-La-125



MAT 5686

MT= 71 (n,n') Level
Legendre Coefficients

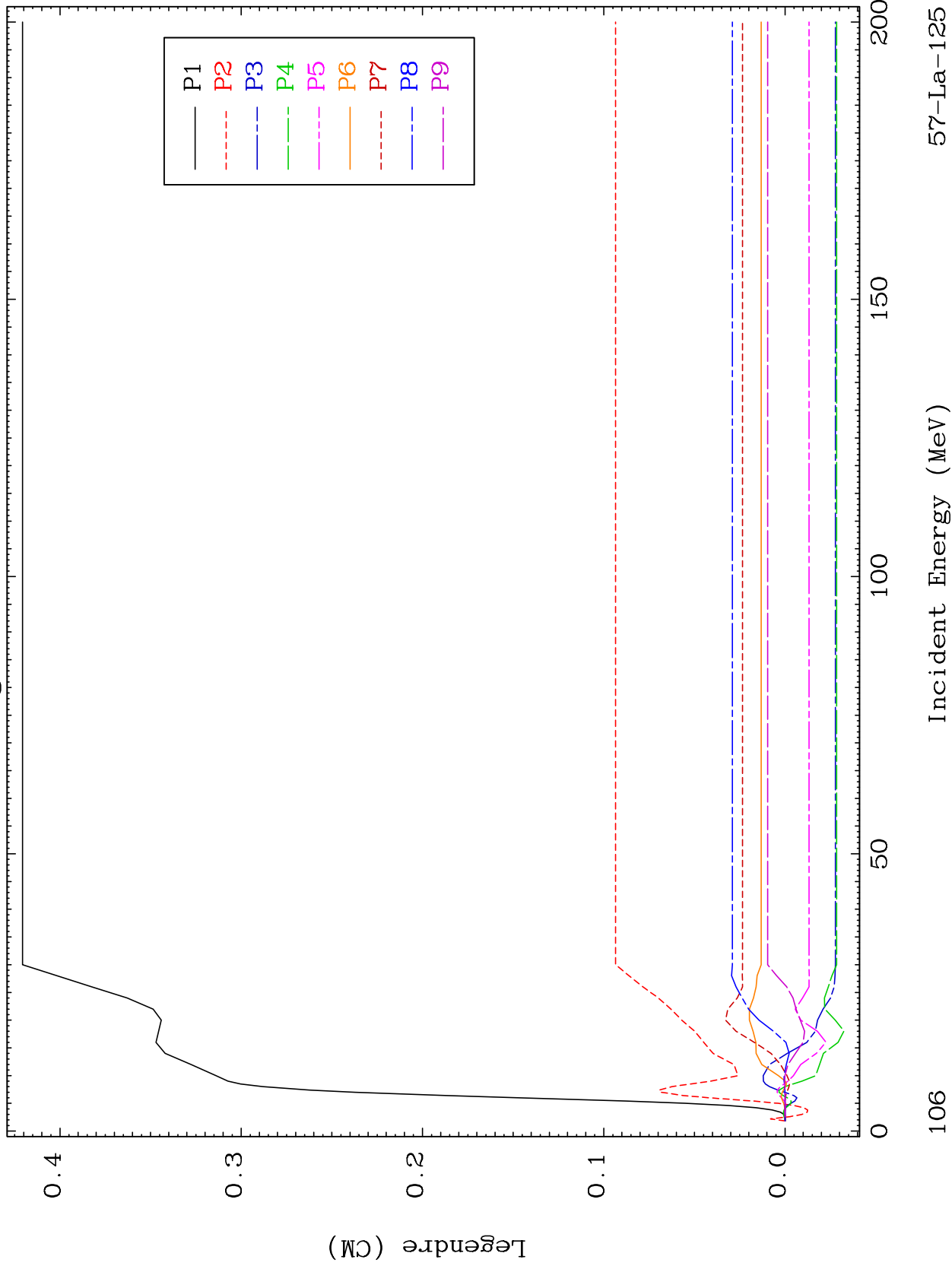
57-La-125



MAT 5686

MT= 72 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

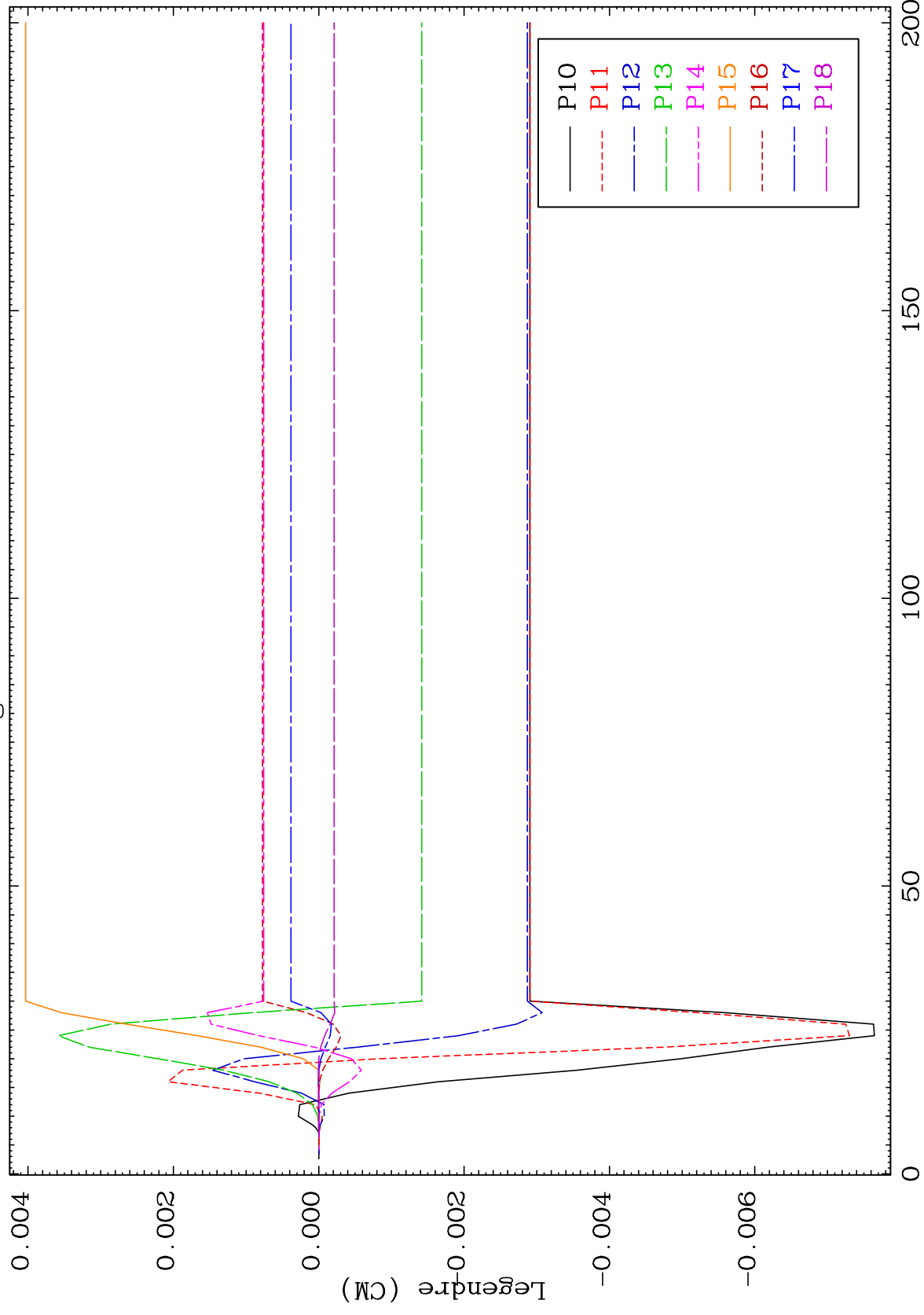
Incident Energy (MeV)

106

MAT 5686

MT= 72 (n,n') Level
Legendre Coefficients

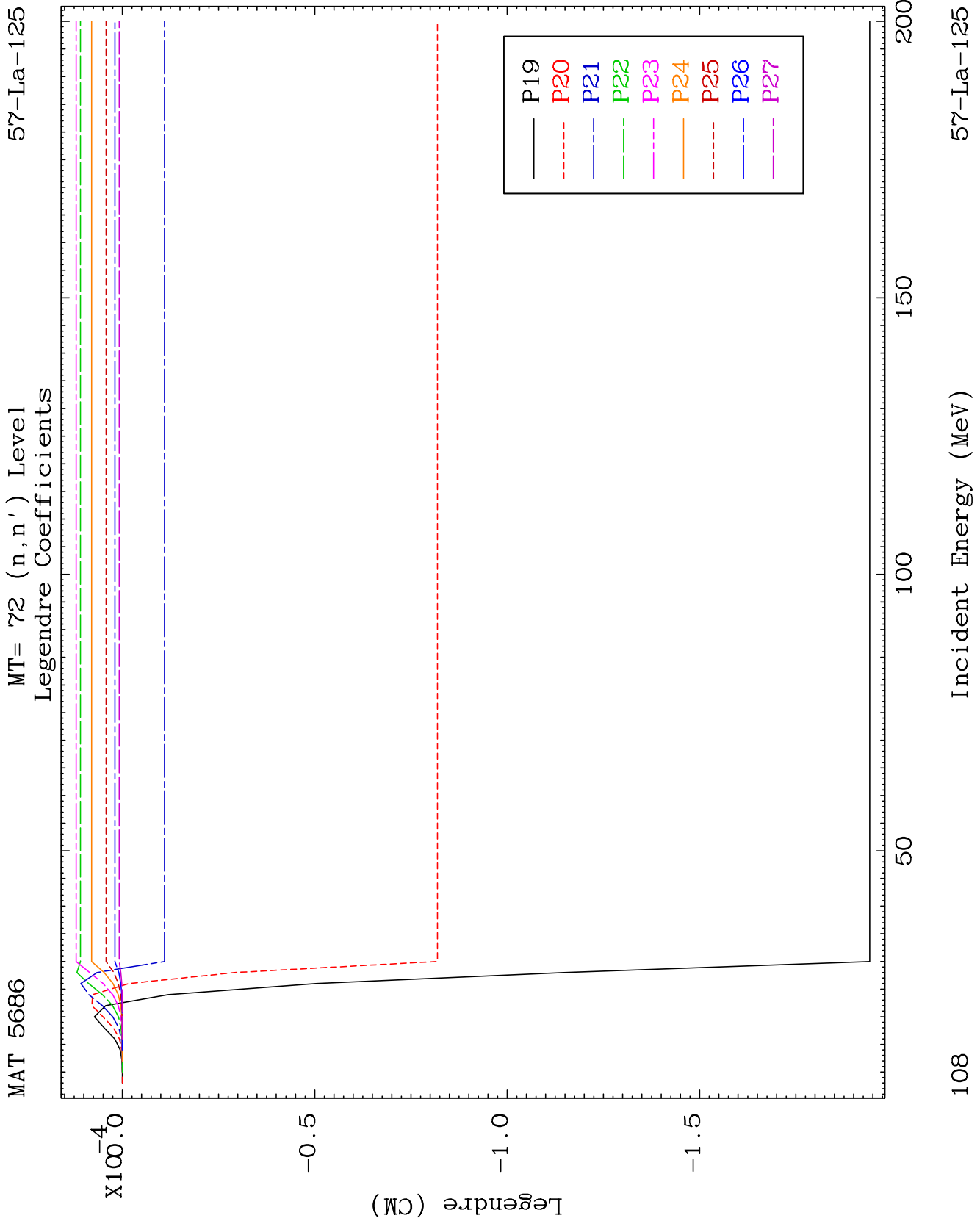
57-La-125



107

Incident Energy (MeV)

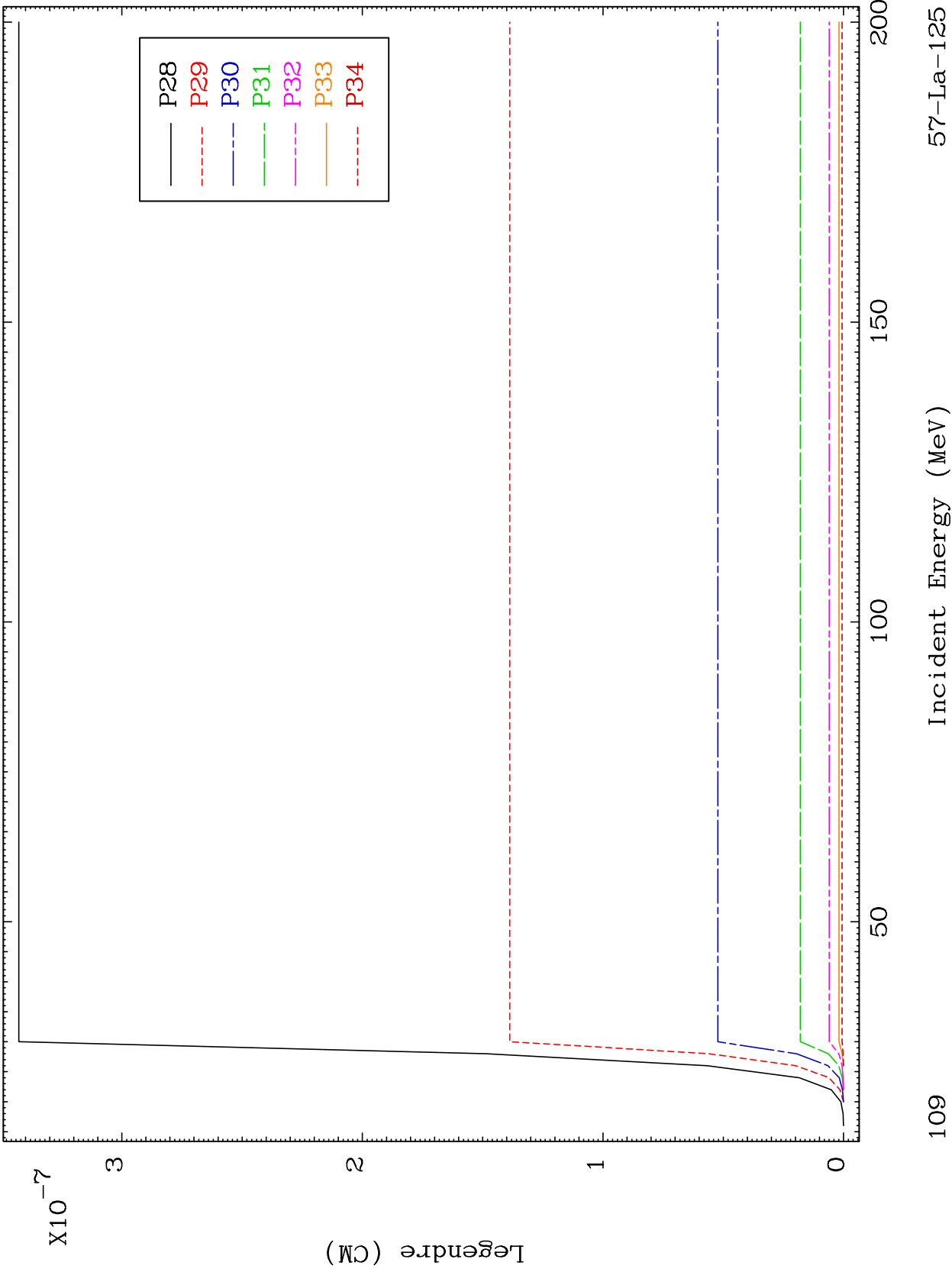
57-La-125



MAT 5686

MT= 72 (n,n') Level
Legendre Coefficients

57-La-125

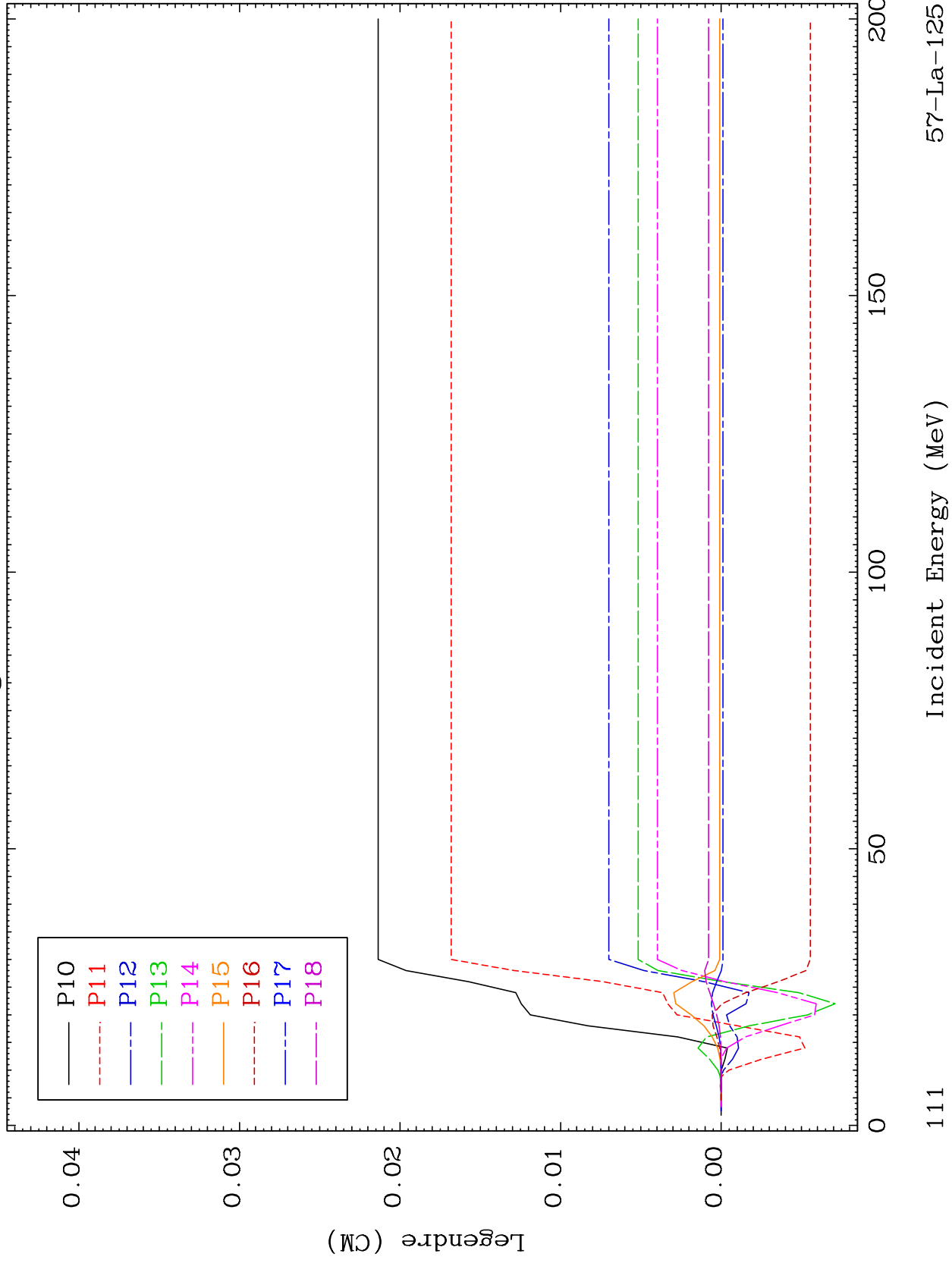


57-La-125

MAT 5686

MT= 73 (n,n') Level
Legendre Coefficients

57-La-125



111

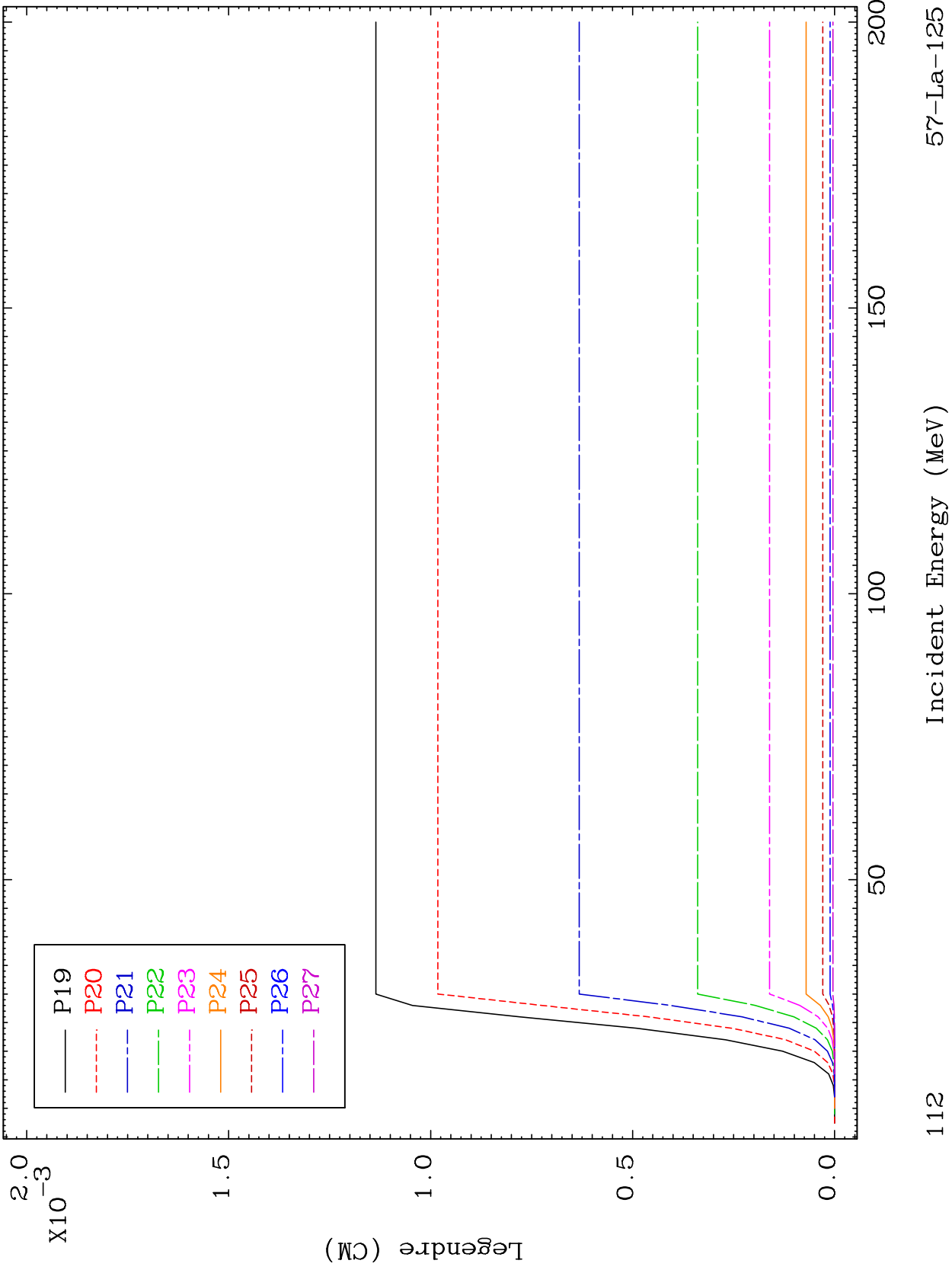
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 73 (n,n') Level
Legendre Coefficients

57-La-125



112

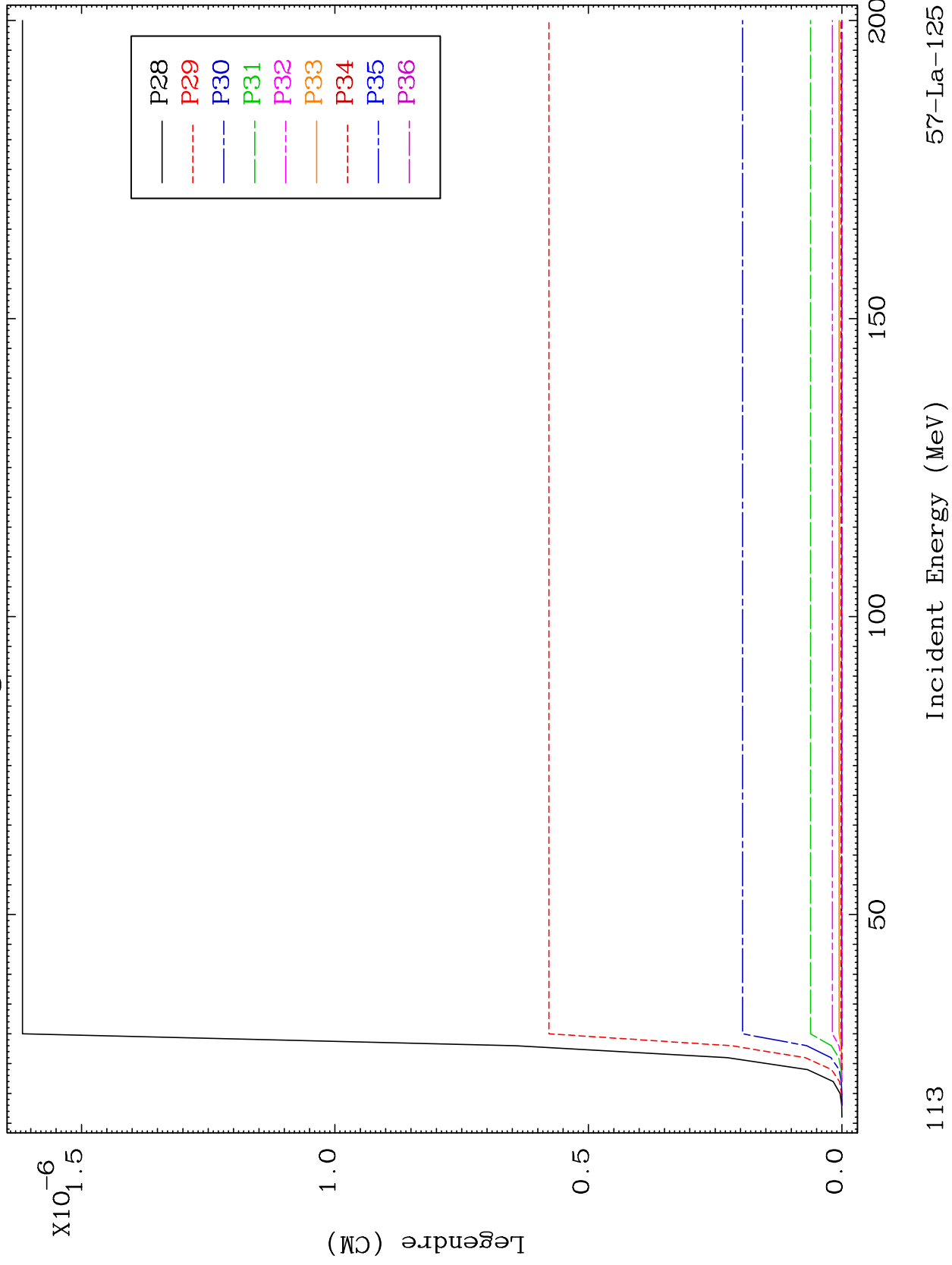
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 73 (n,n') Level
Legendre Coefficients

57-La-125



113

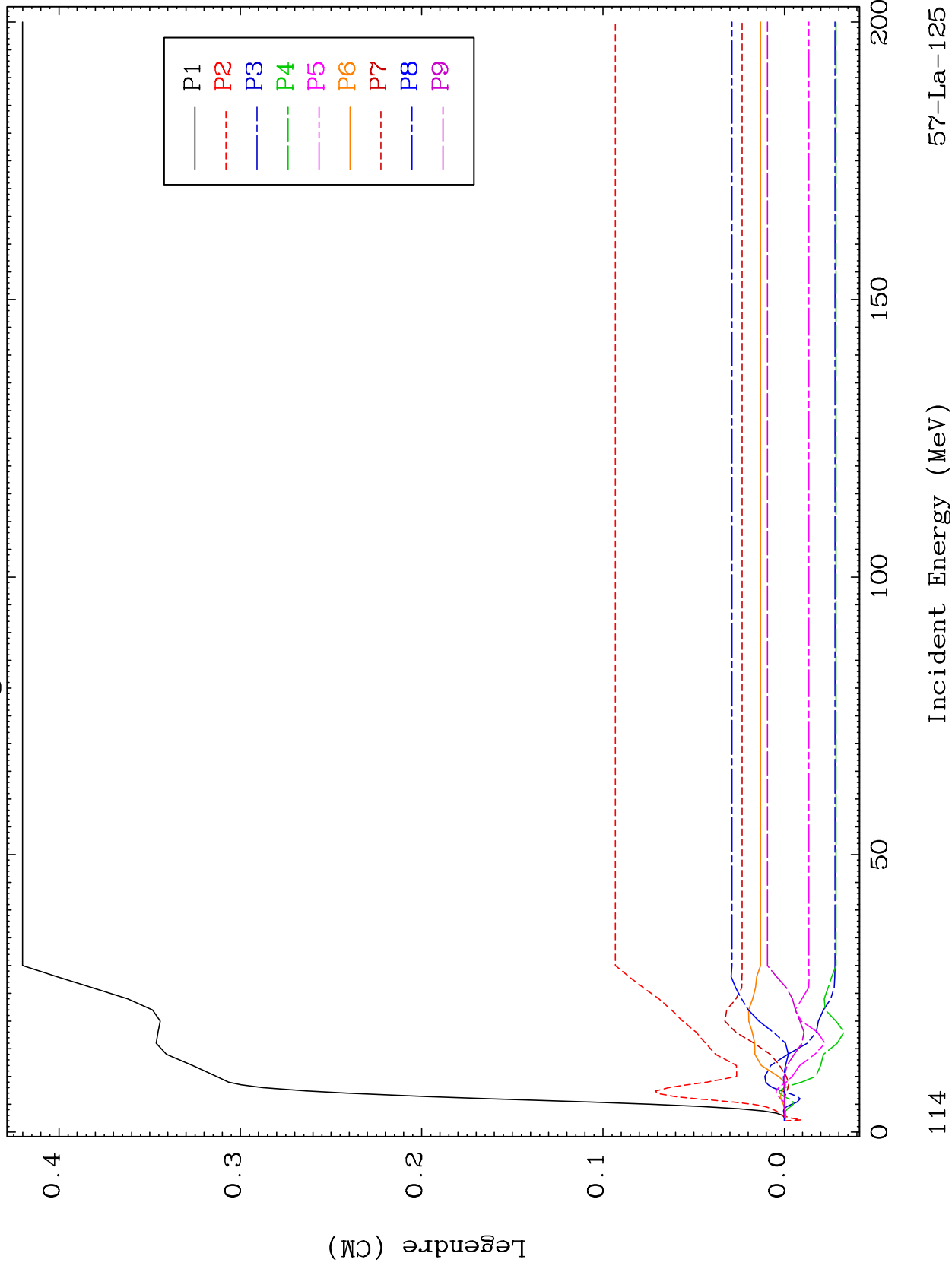
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 74 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

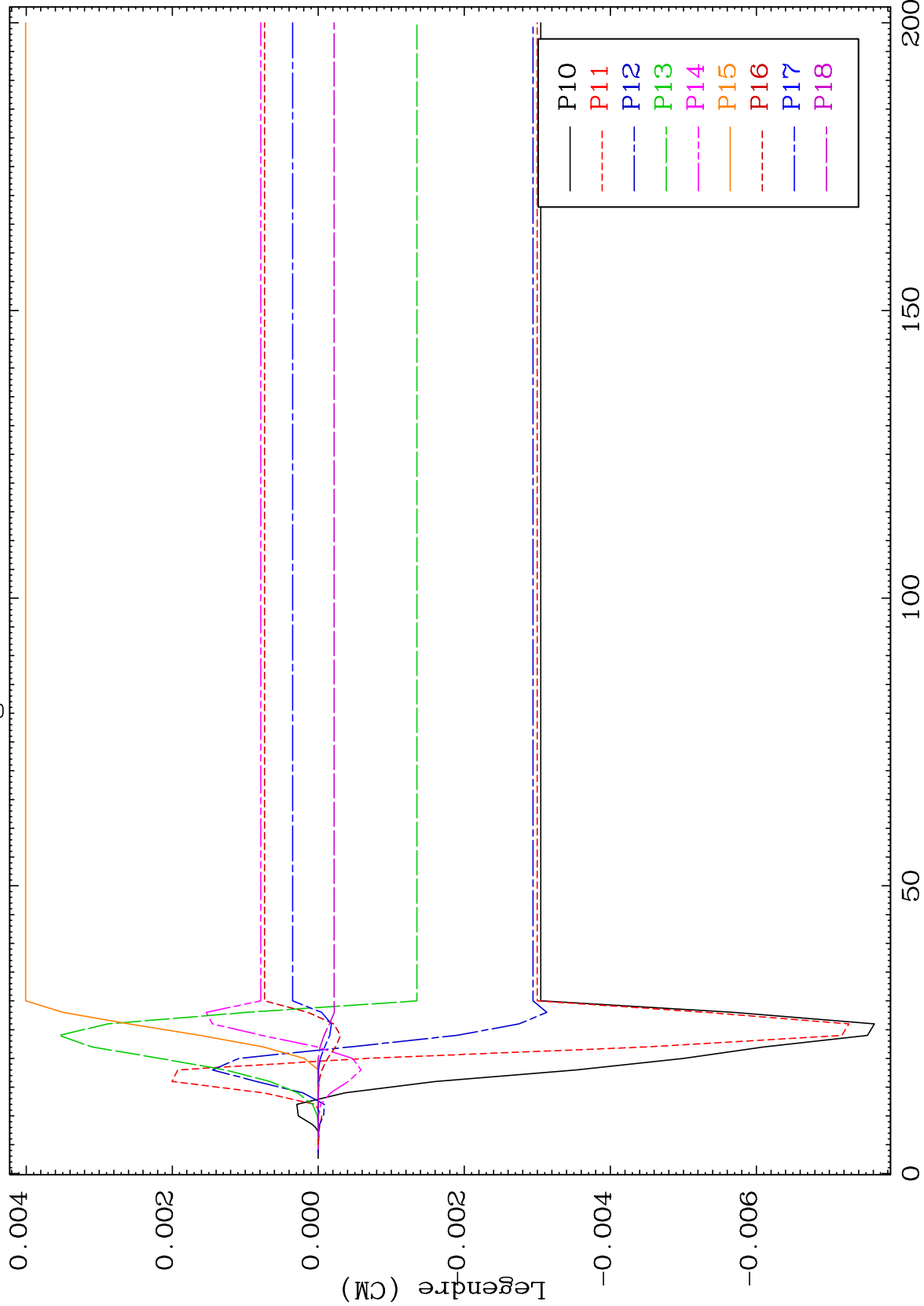
Incident Energy (MeV)

114

MAT 5686

MT= 74 (n,n') Level
Legendre Coefficients

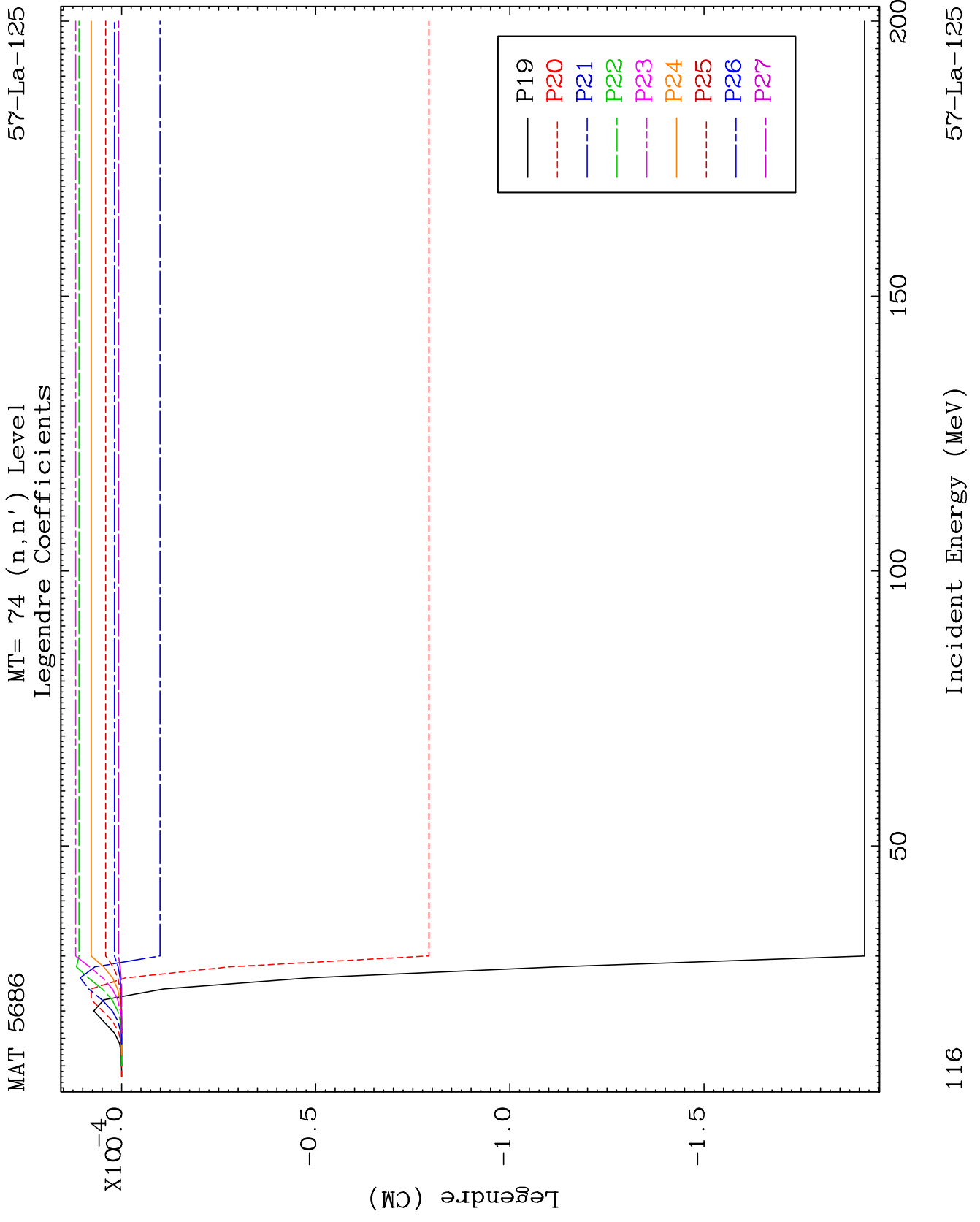
57-La-125



115

Incident Energy (MeV)

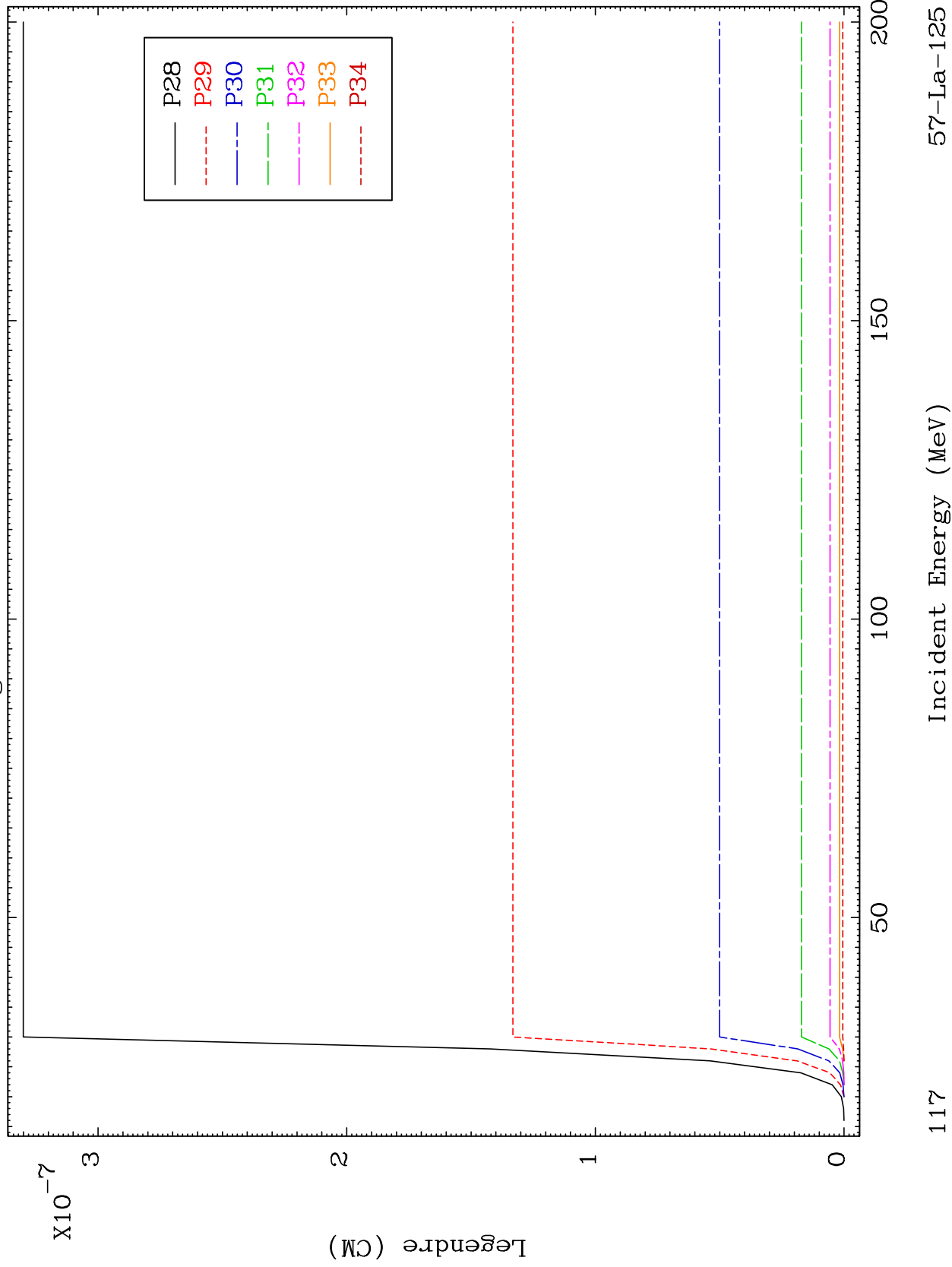
57-La-125



MAT 5686

MT= 74 (n,n') Level
Legendre Coefficients

57-La-125

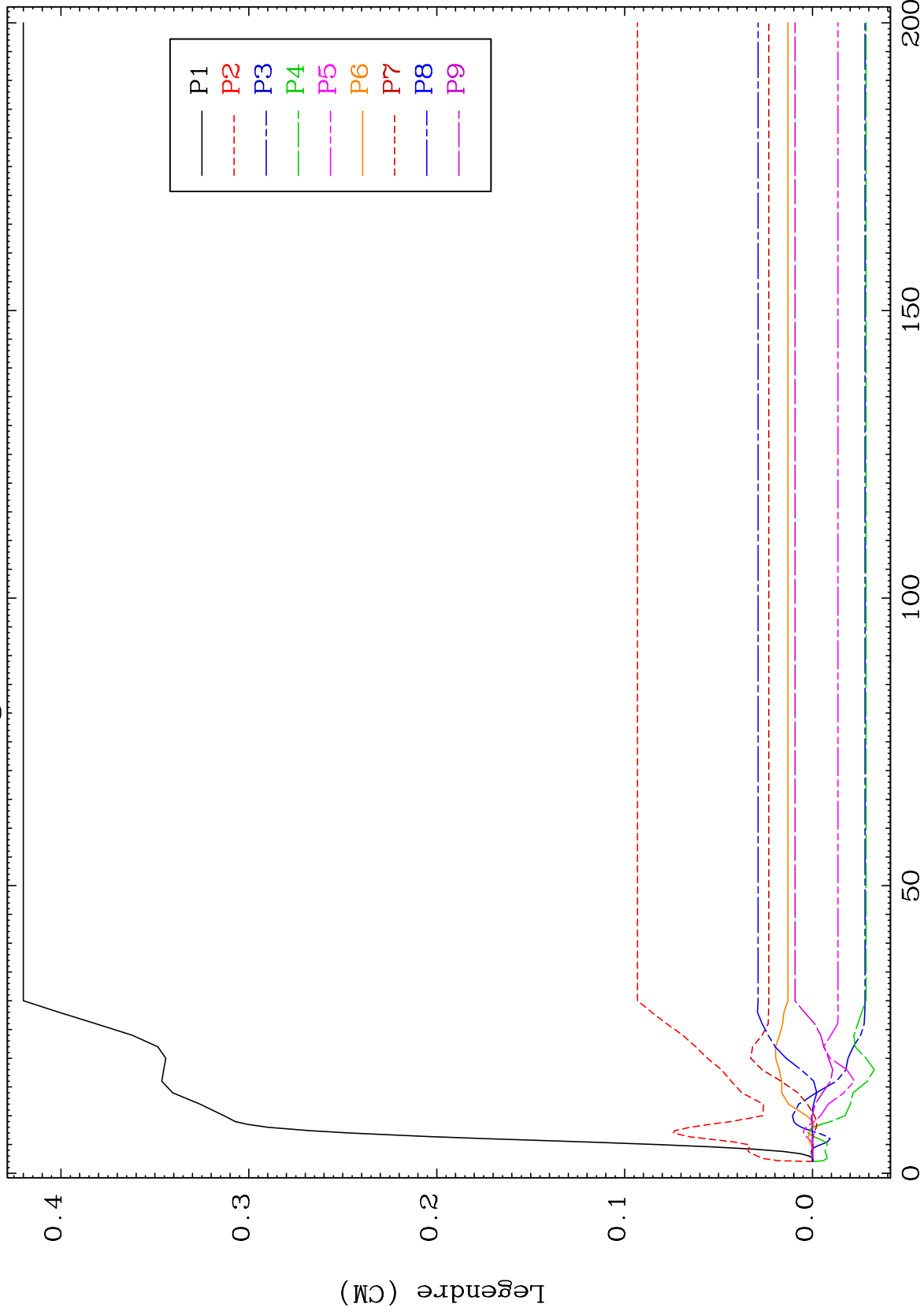


117

MAT 5686

MT= 75 (n,n') Level
Legendre Coefficients

57-La-125



118

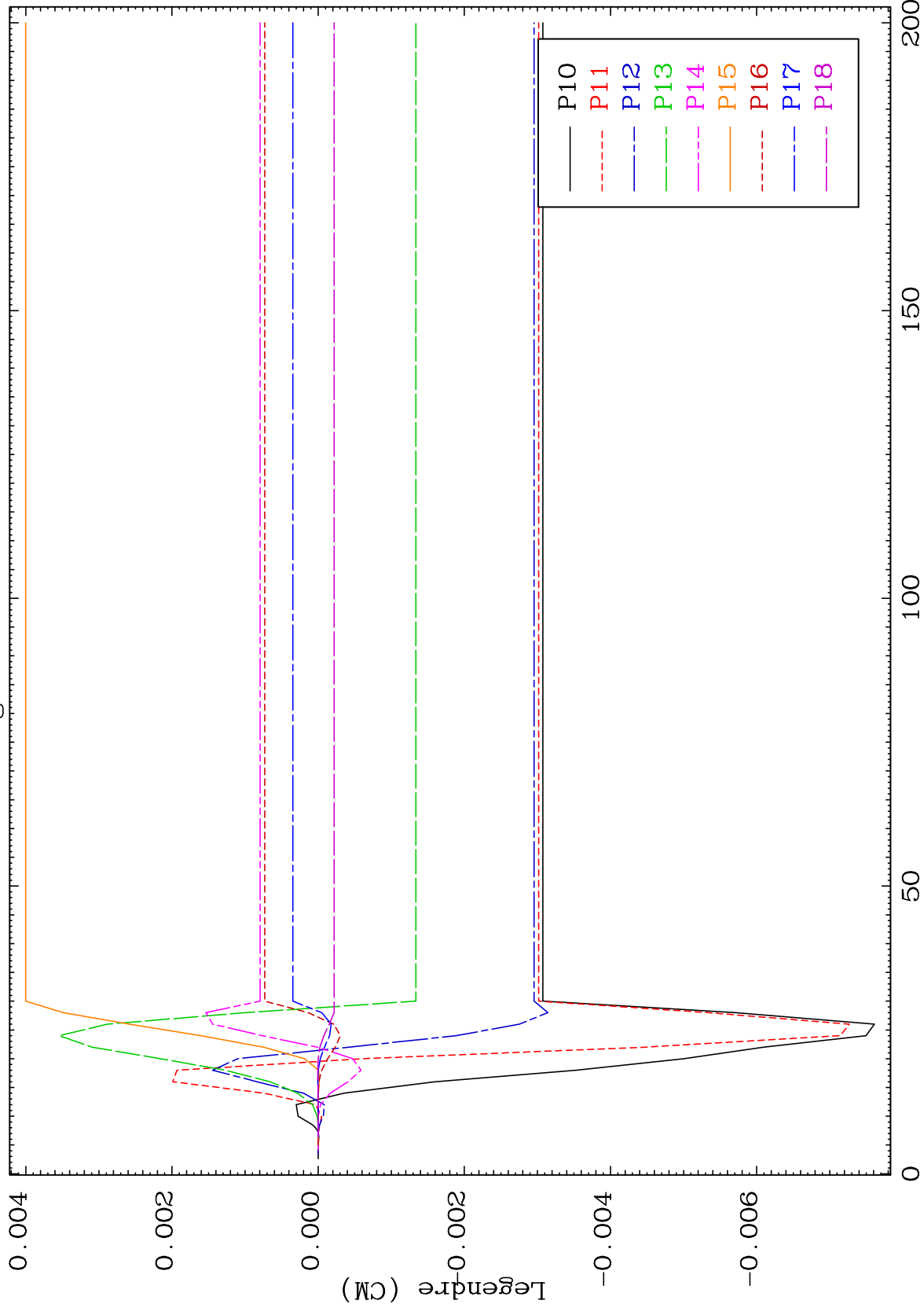
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 75 (n,n') Level
Legendre Coefficients

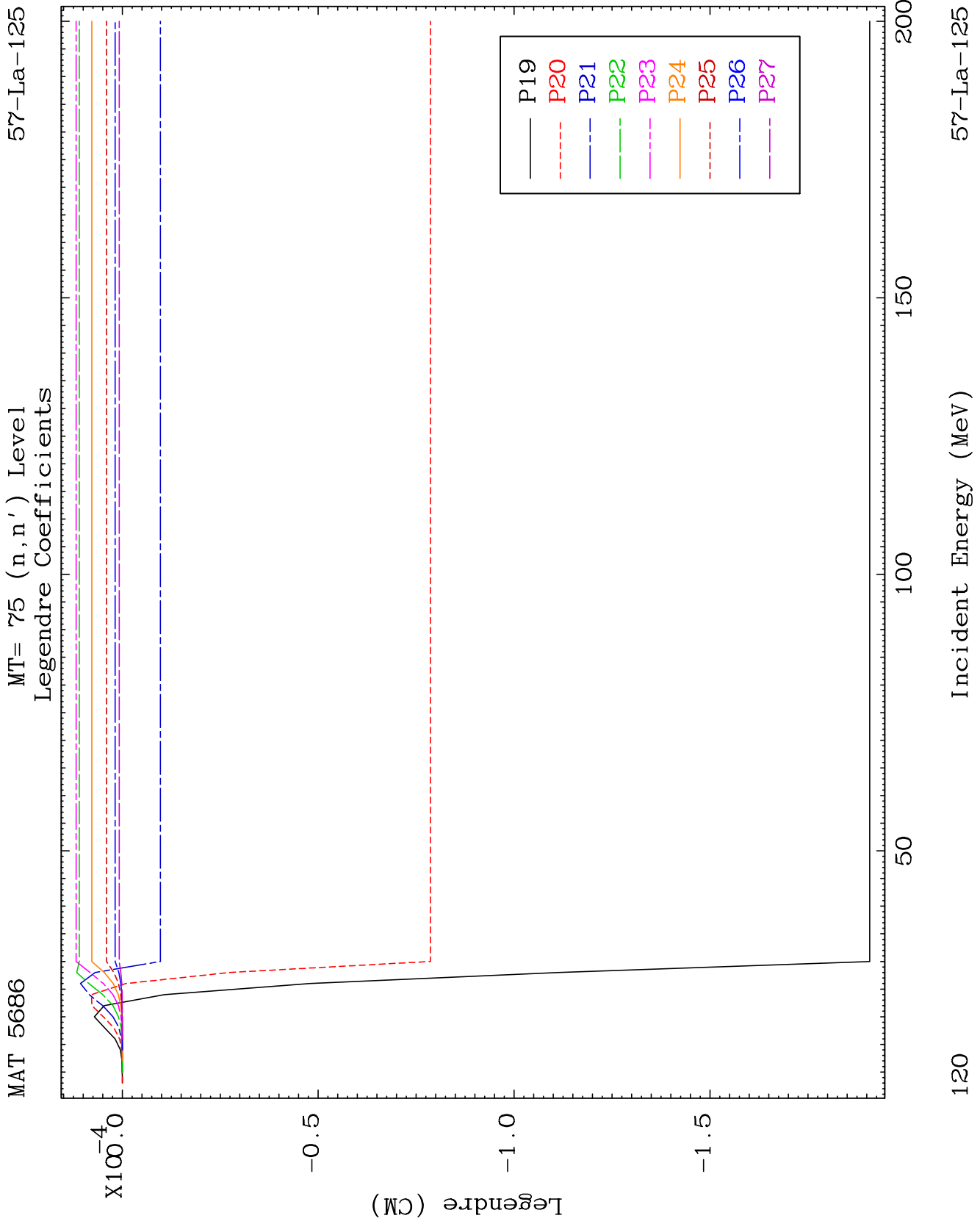
57-La-125



119

Incident Energy (MeV)

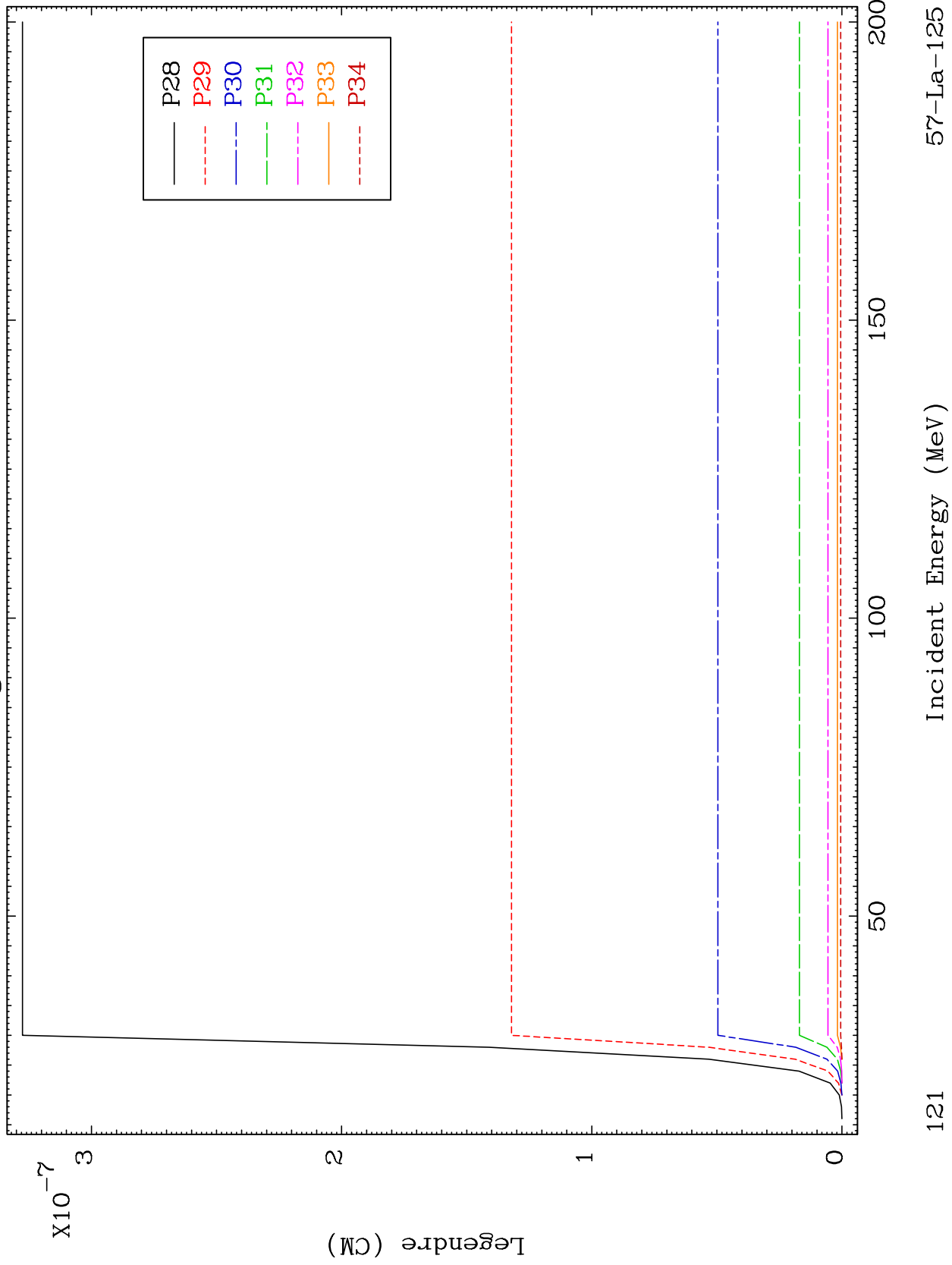
57-La-125



MAT 5686

MT= 75 (n,n') Level
Legendre Coefficients

57-La-125



121

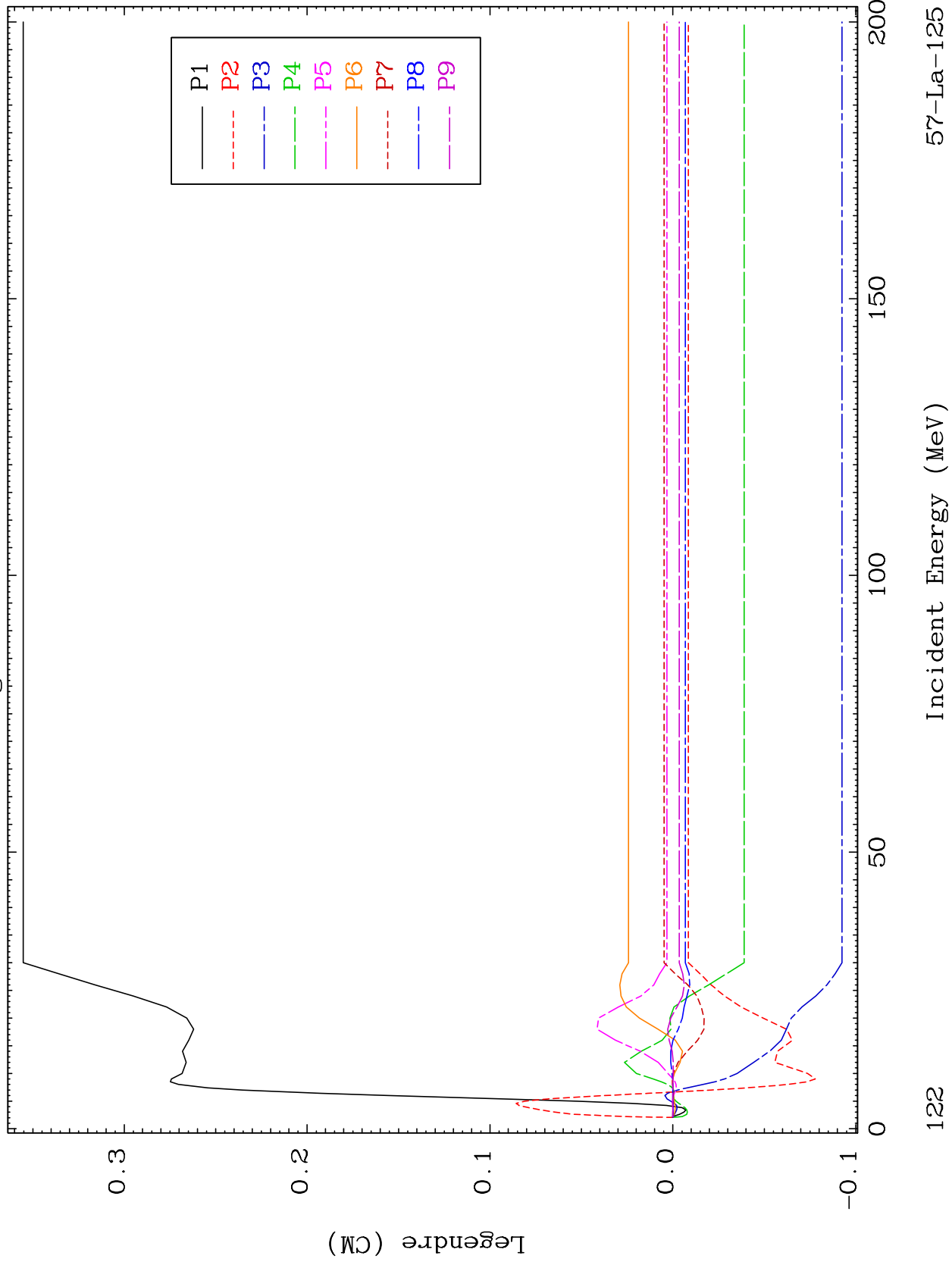
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 76 (n,n') Level
Legendre Coefficients

57-La-125



57-La-125

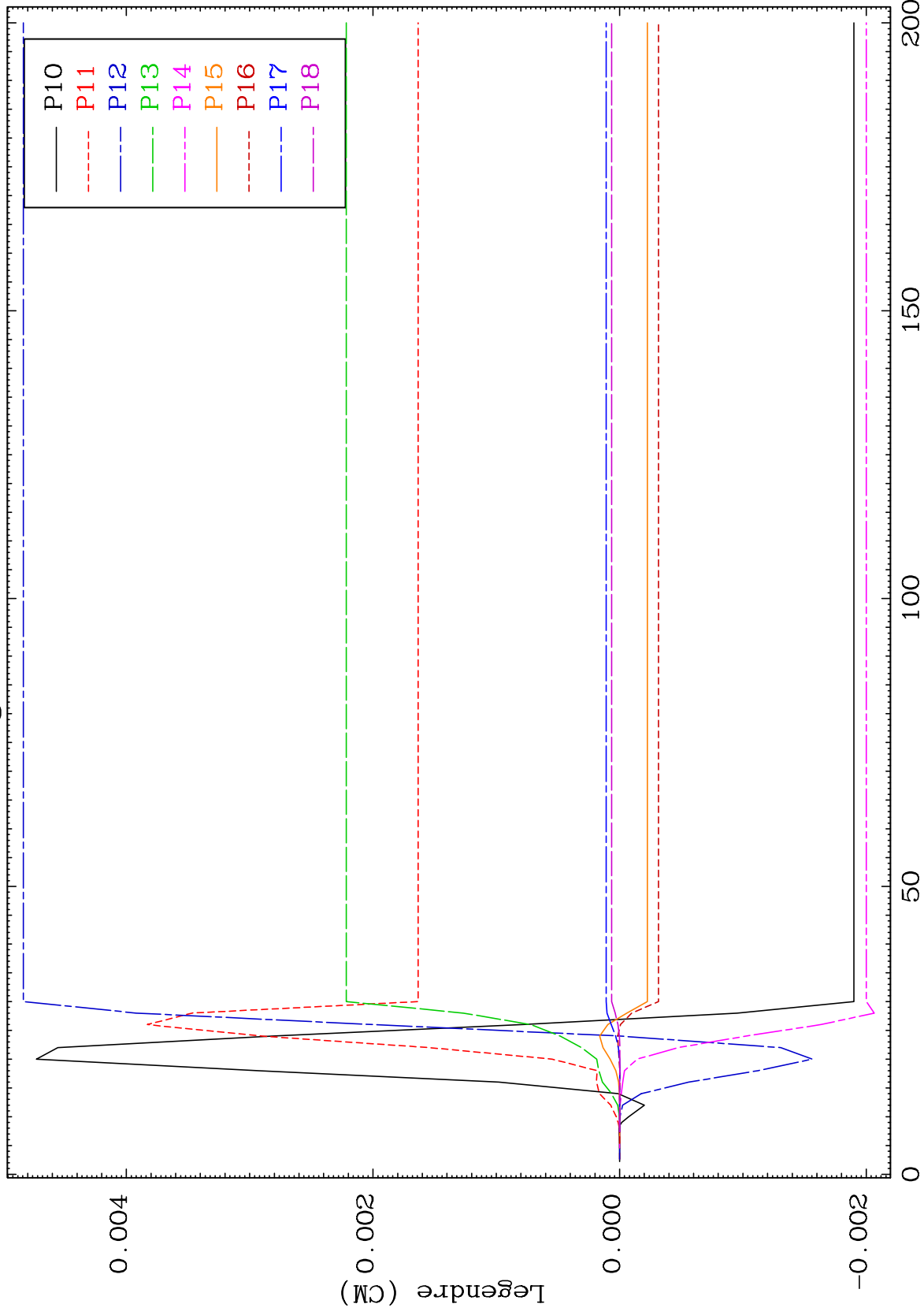
Incident Energy (MeV)

122

MAT 5686

MT= 76 (n,n') Level
Legendre Coefficients

57-La-125



123

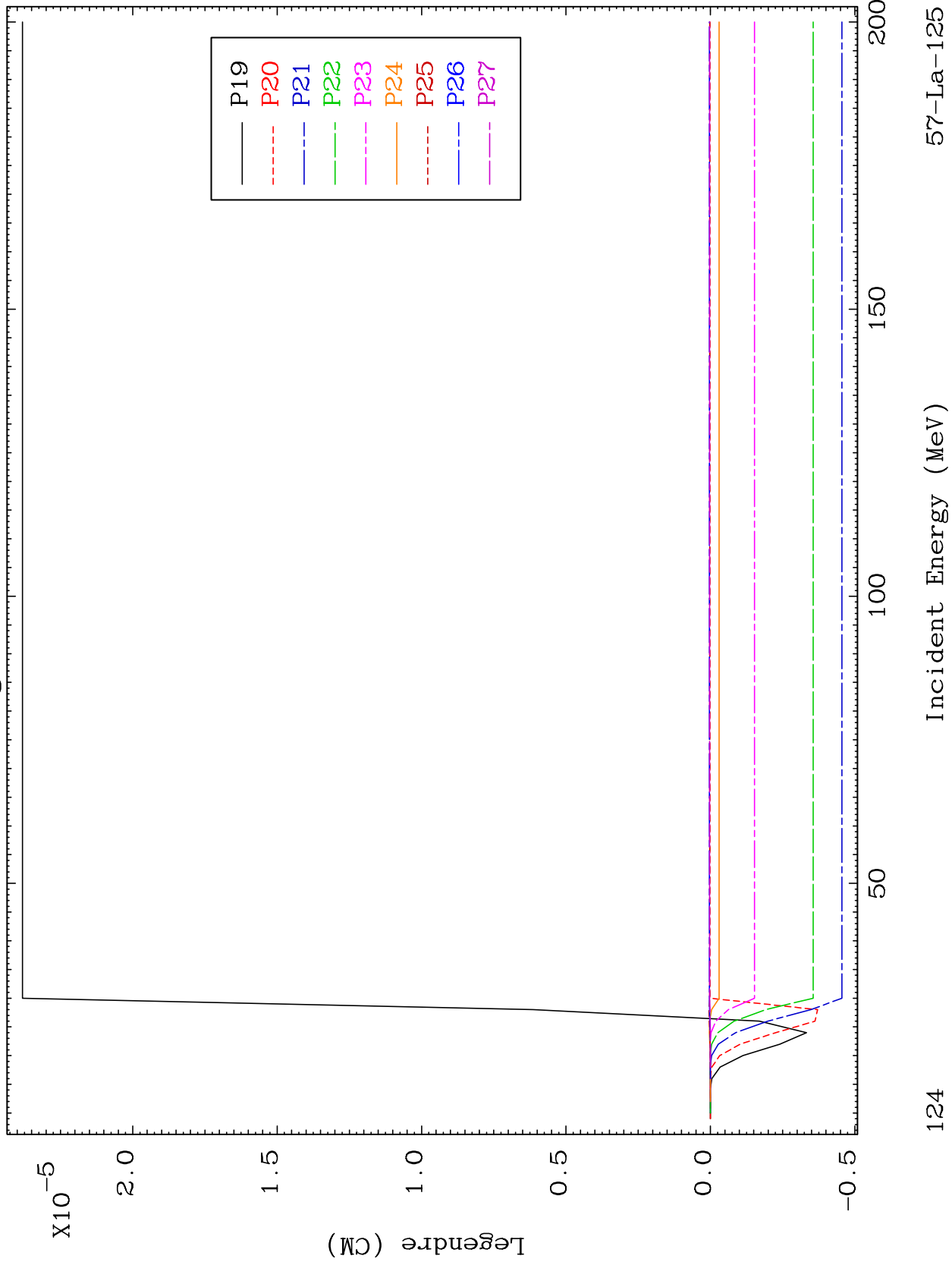
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 76 (n,n') Level
Legendre Coefficients

57-La-125



124

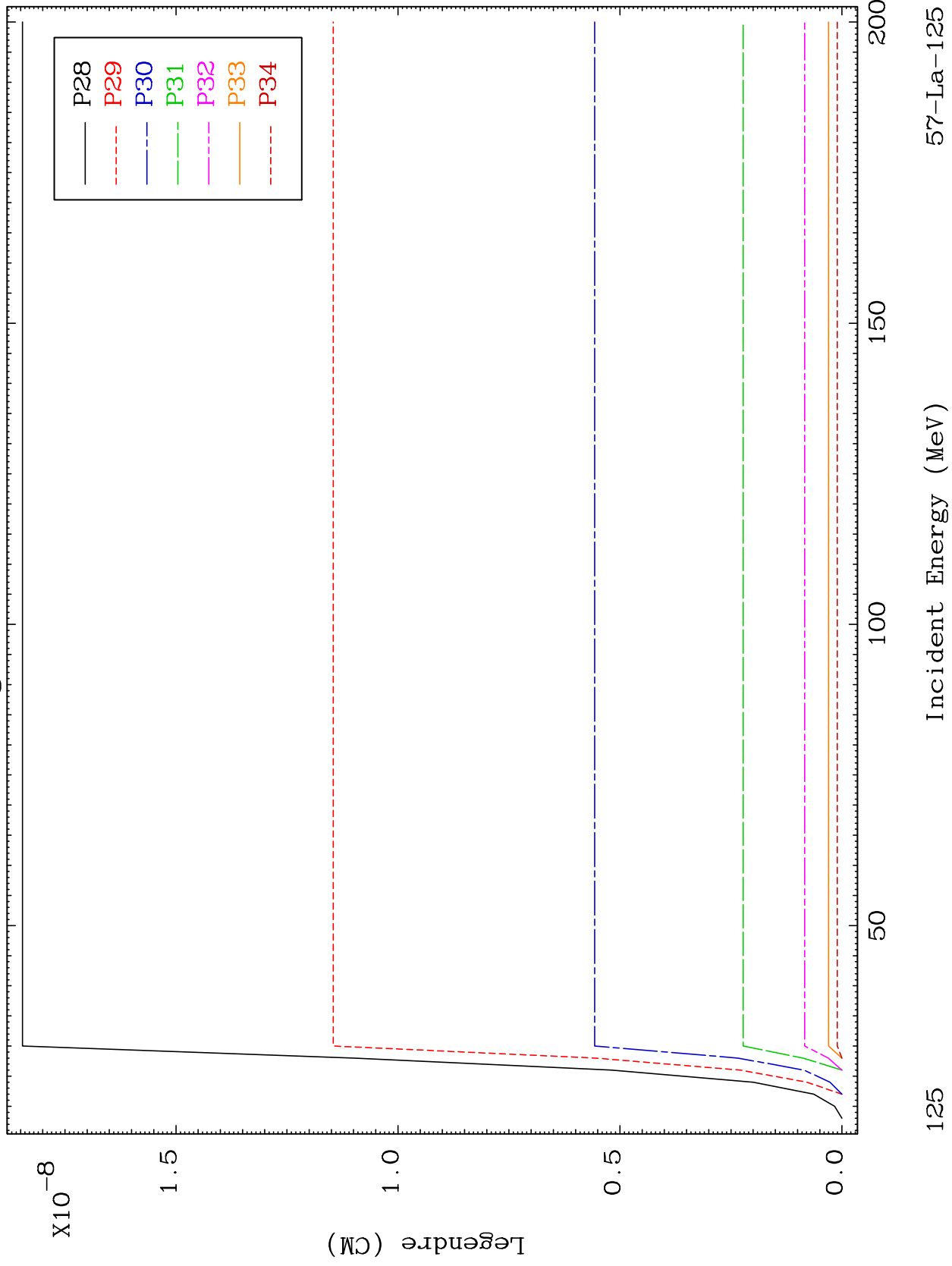
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 76 (n,n') Level
Legendre Coefficients

57-La-125

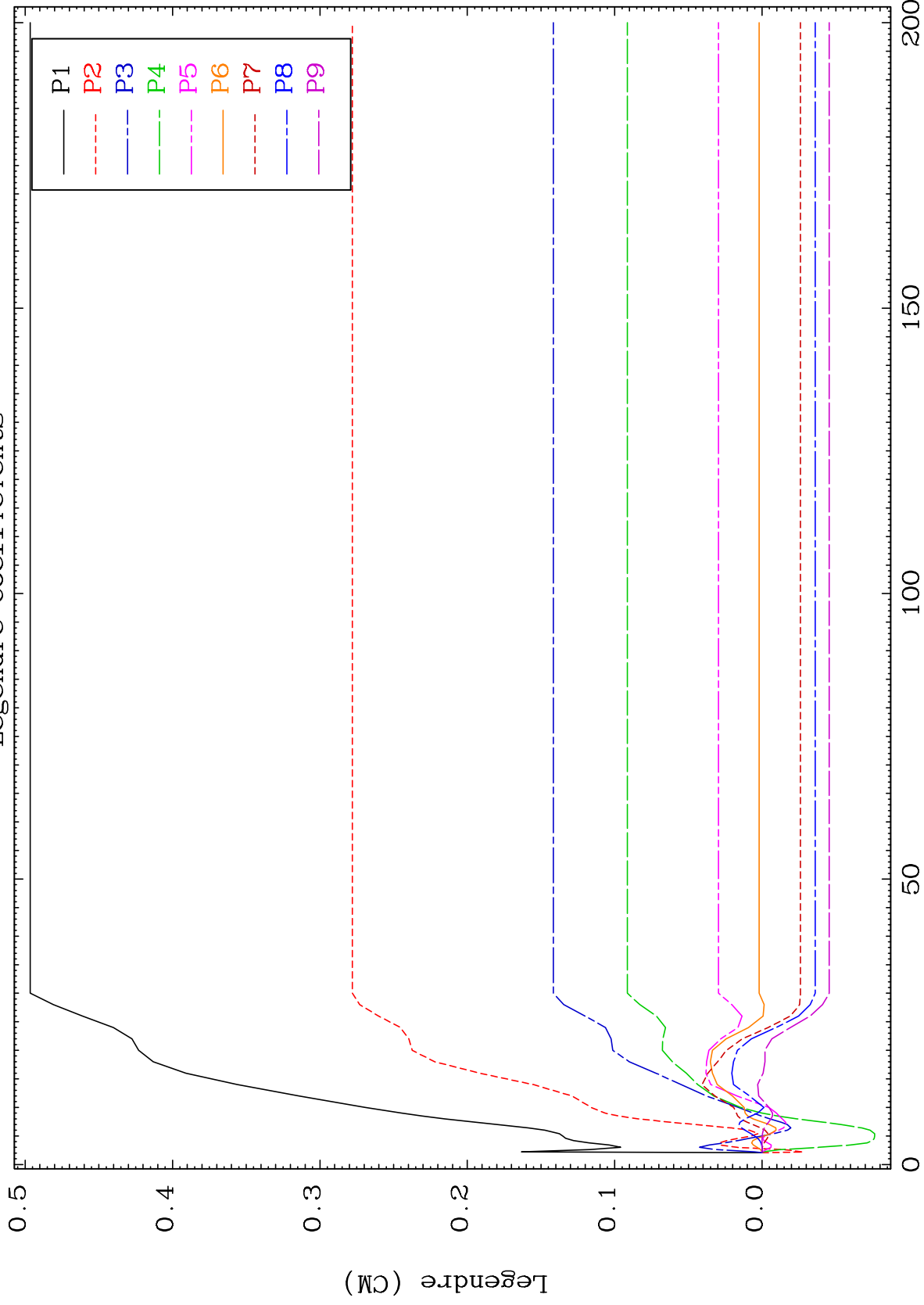


57-La-125

MAT 5686

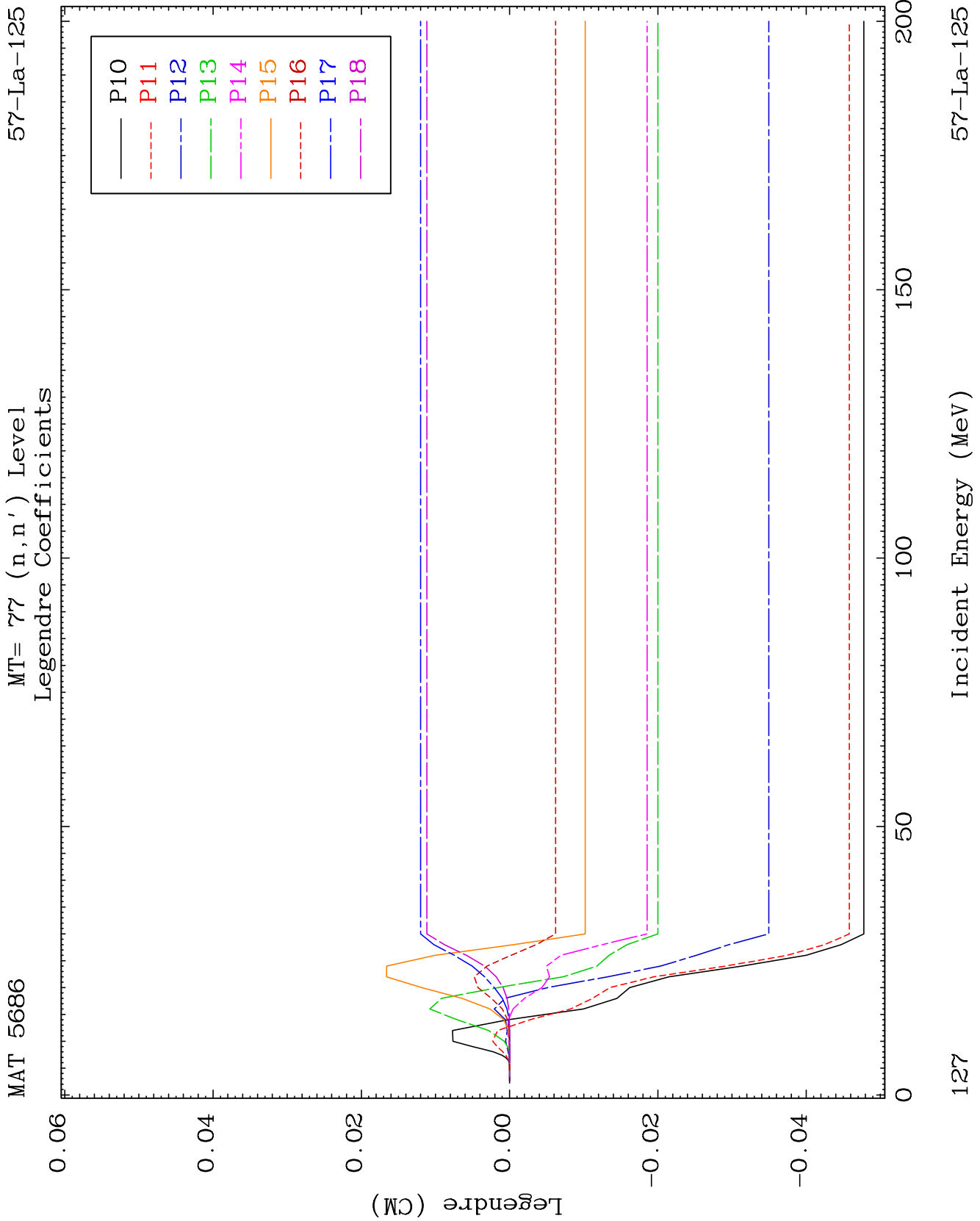
MT= 77 (n,n') Level
Legendre Coefficients

57-La-125



126

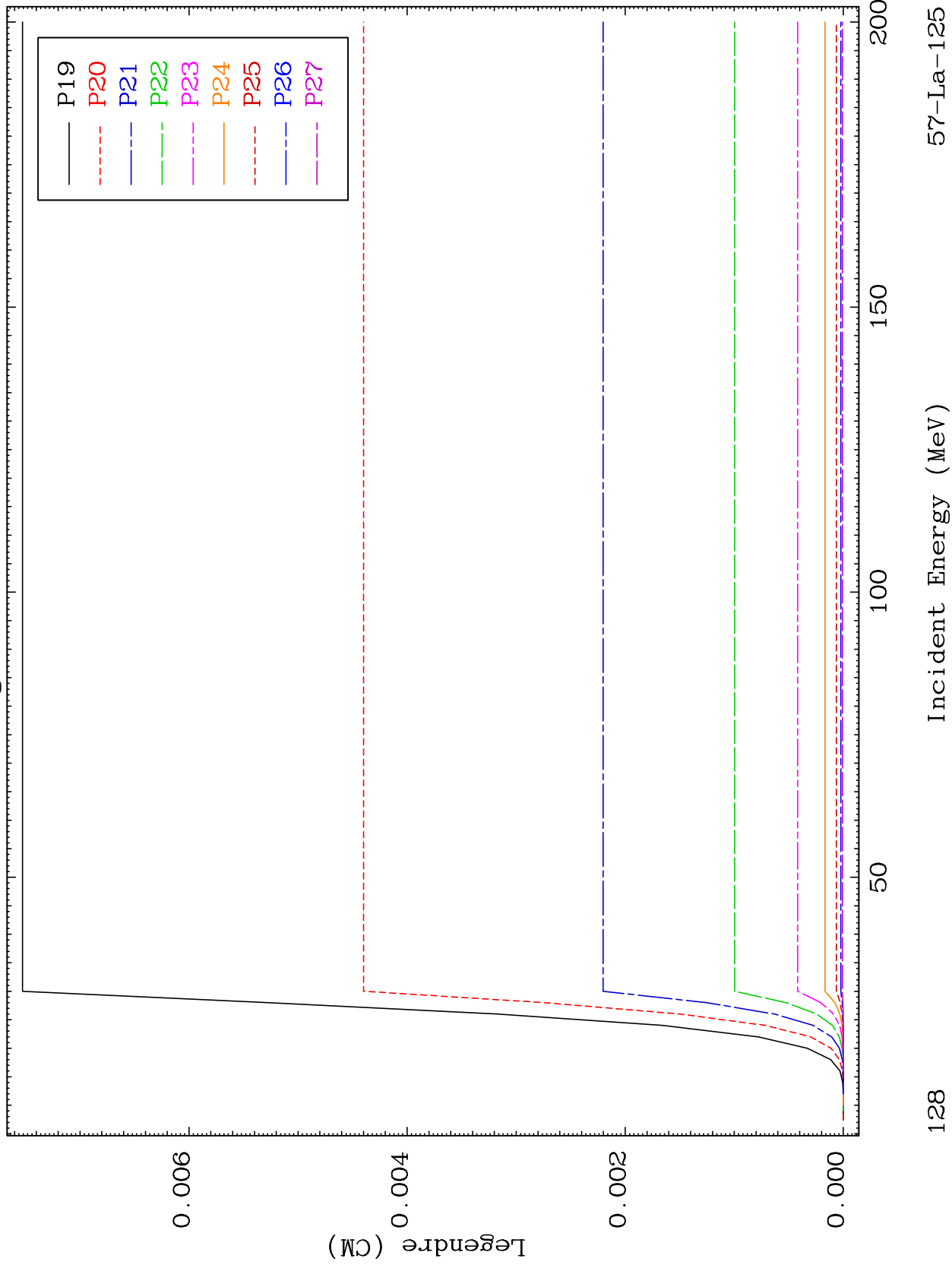
57-La-125



MAT 5686

MT= 77 (n,n') Level
Legendre Coefficients

57-La-125



128

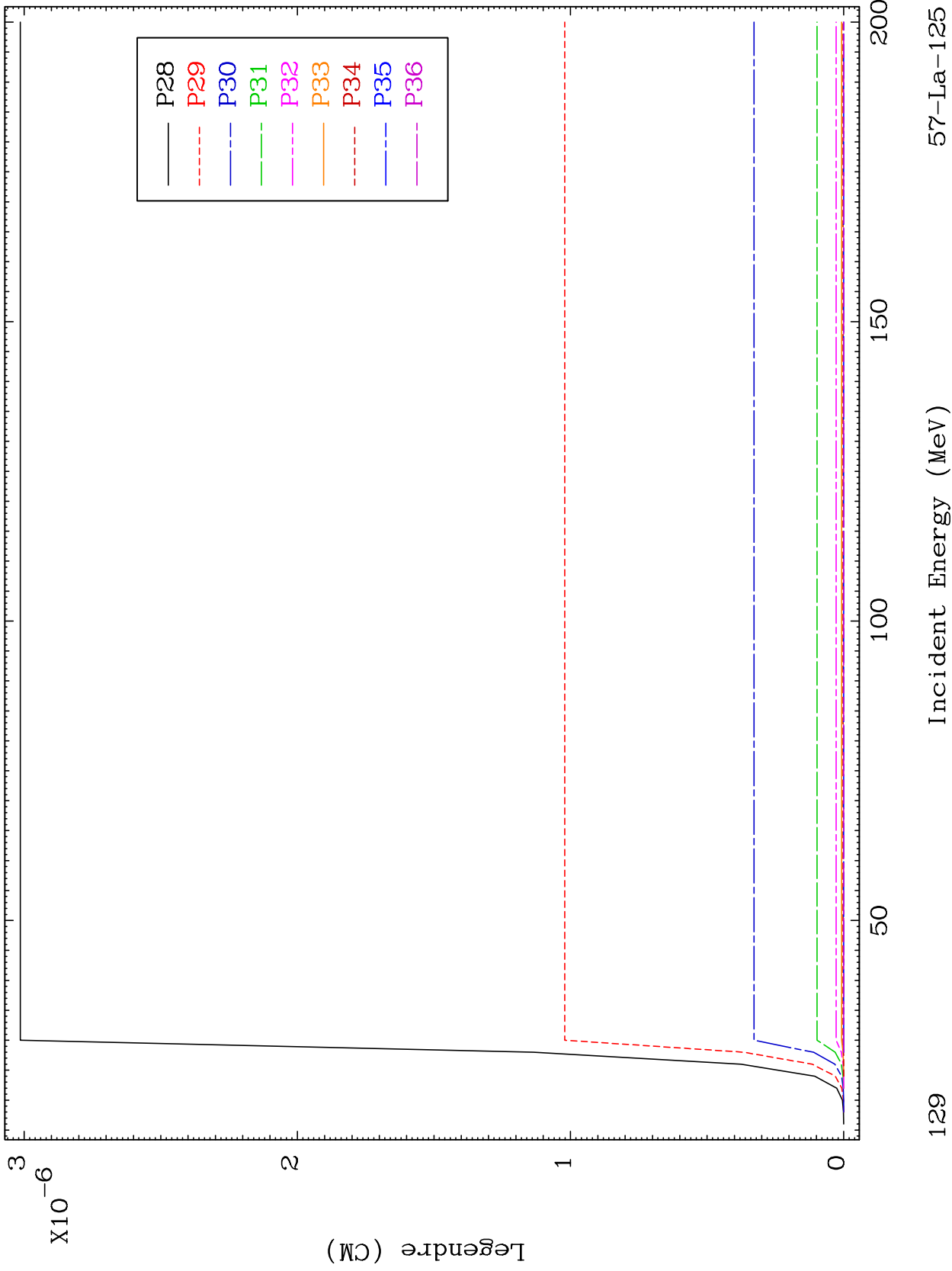
Incident Energy (MeV)

57-La-125

MAT 5686

MT= 77 (n,n') Level
Legendre Coefficients

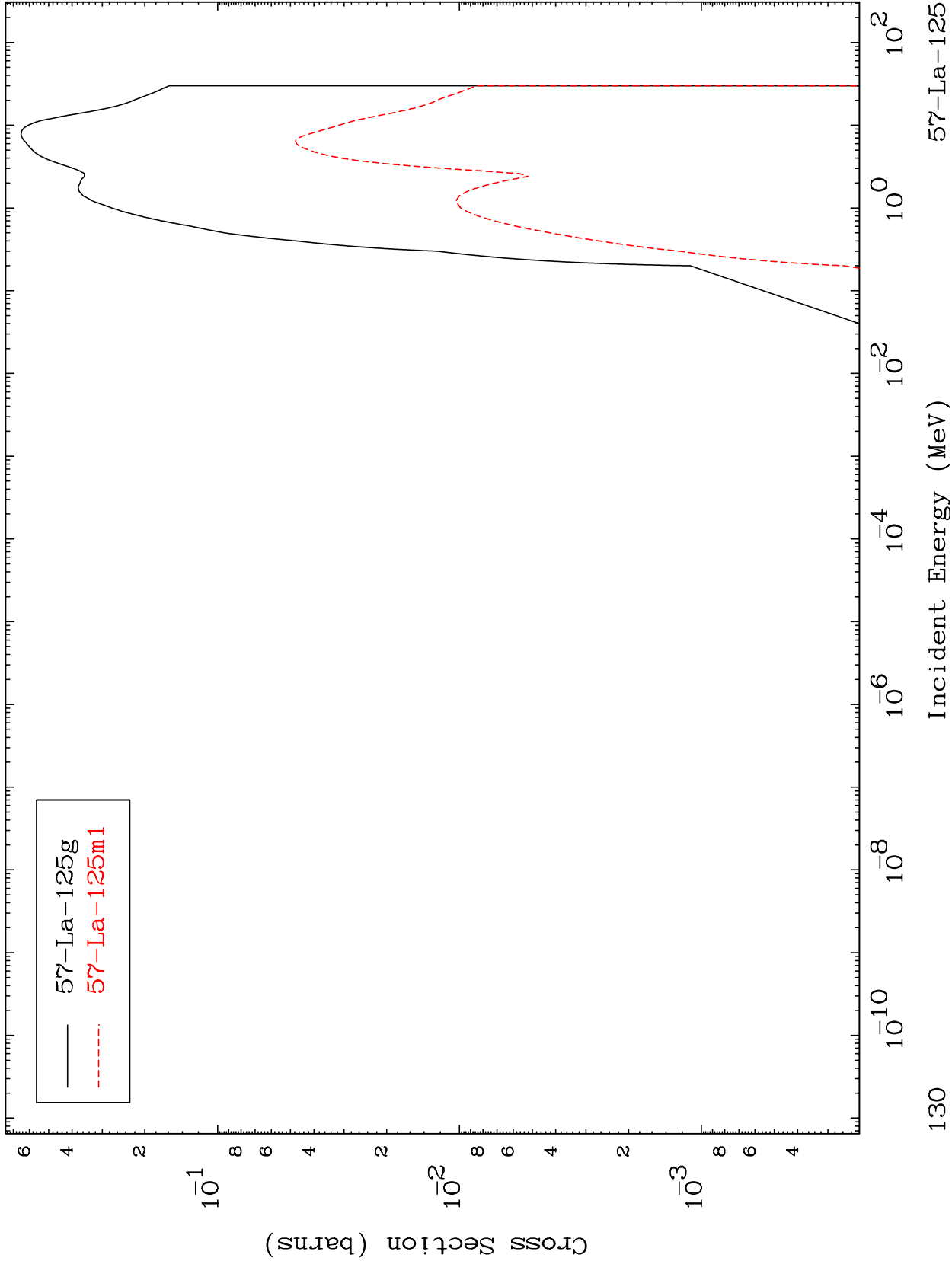
57-La-125



MAT 5686

Radionuclide Production Cross Section

57-La-125



130

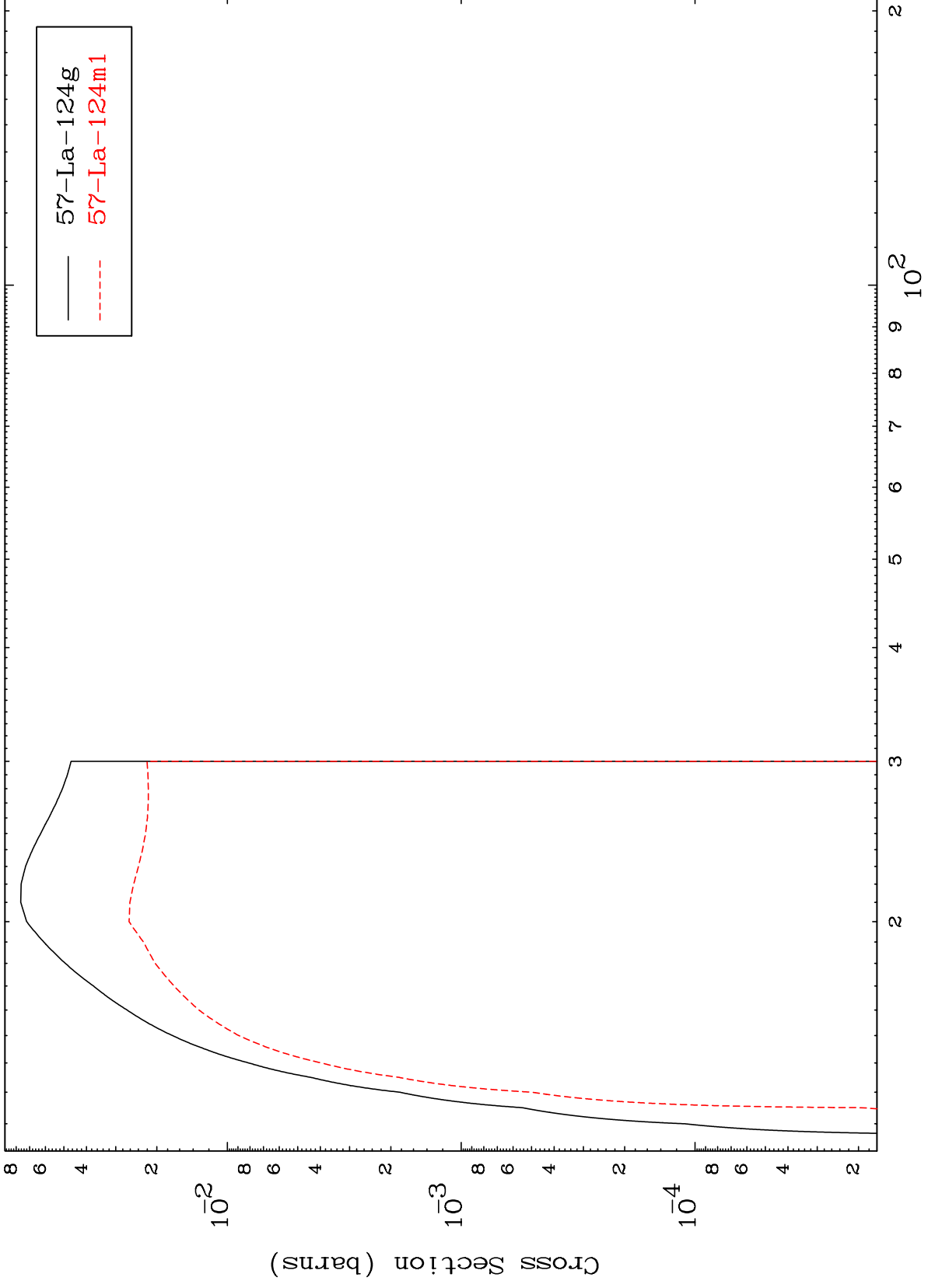
57-La-125

MAT 5686

(n,2n)

57-La-125

Radionuclide Production Cross Section



131

Incident Energy (MeV)

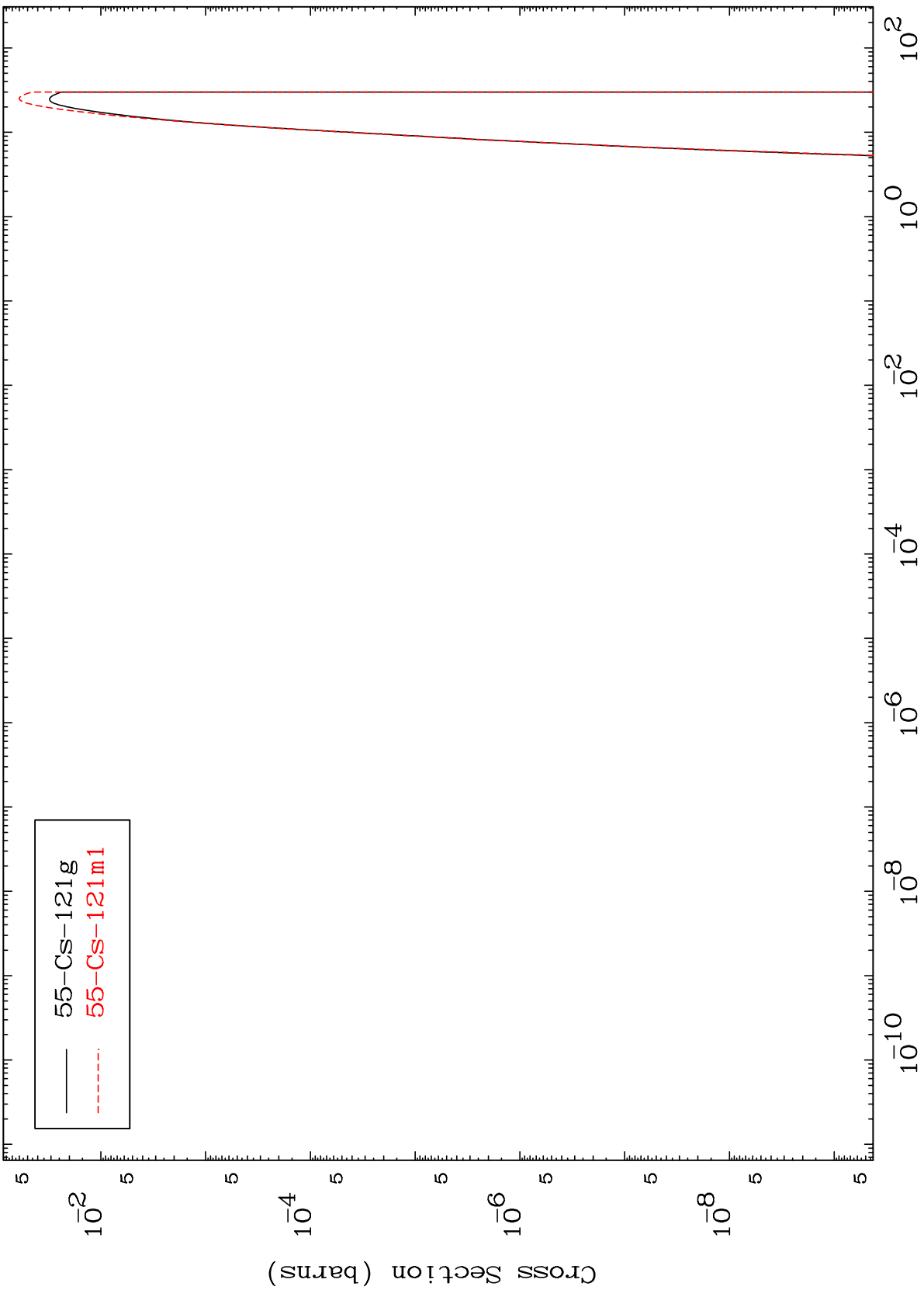
57-La-125

MAT 5686

(n, n') α

57-La-125

Radionuclide Production Cross Section



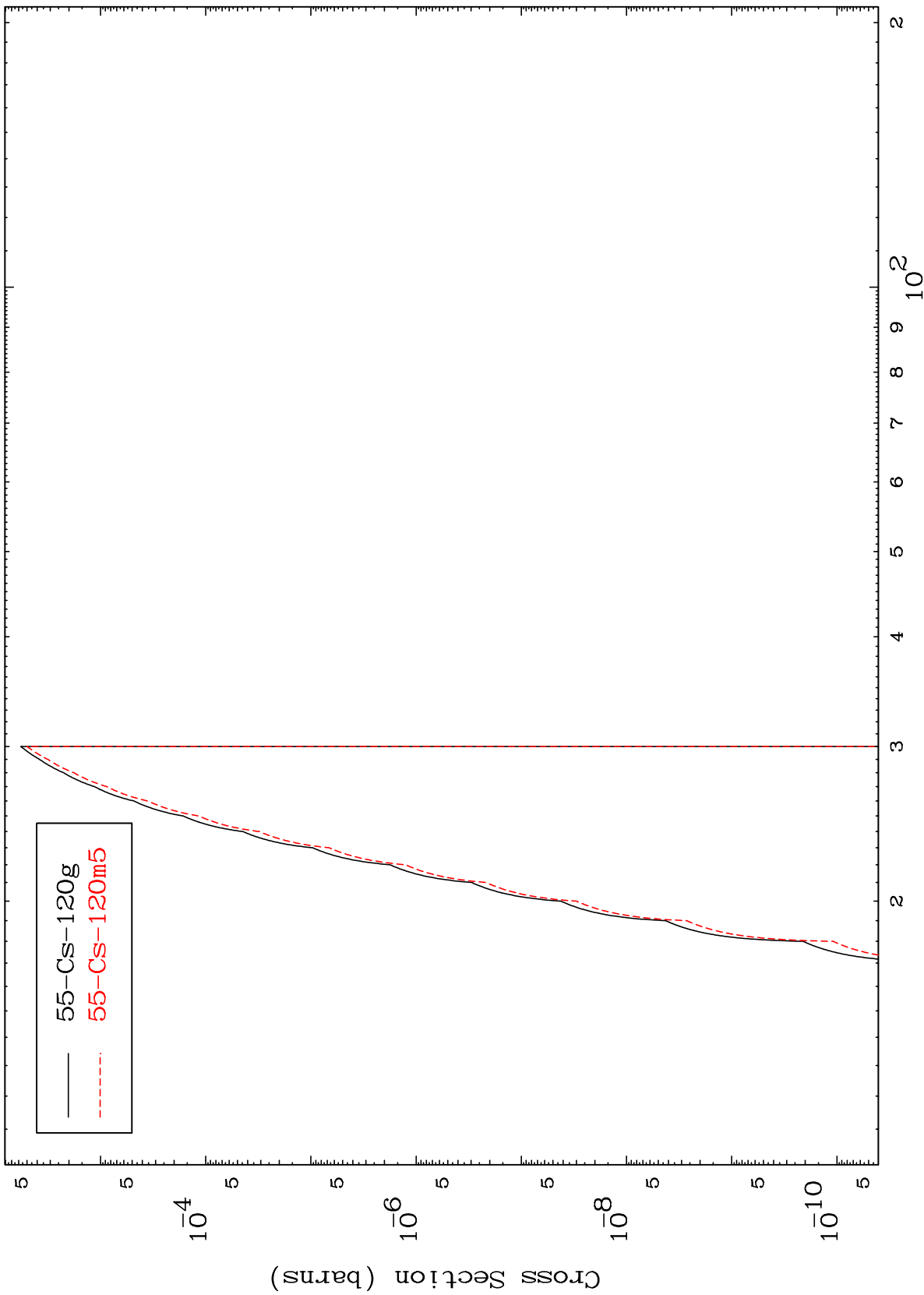
55-Cs-121g
55-Cs-121m1

MAT 5686

(n,2n) α

57-La-125

Radionuclide Production Cross Section



133

Incident Energy (MeV)

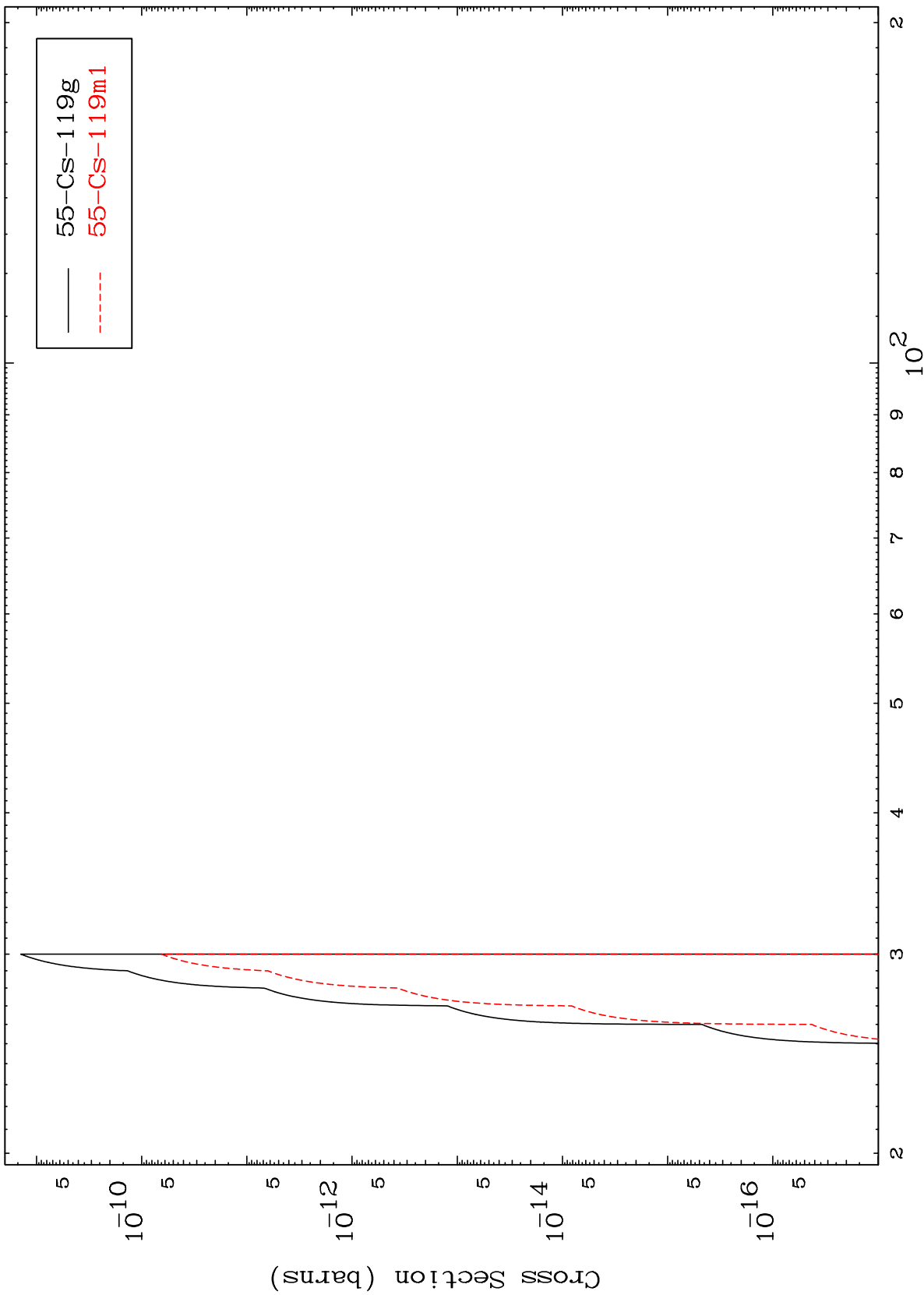
57-La-125

MAT 5686

$(n,3n) \alpha$

57-La-125

Radionuclide Production Cross Section

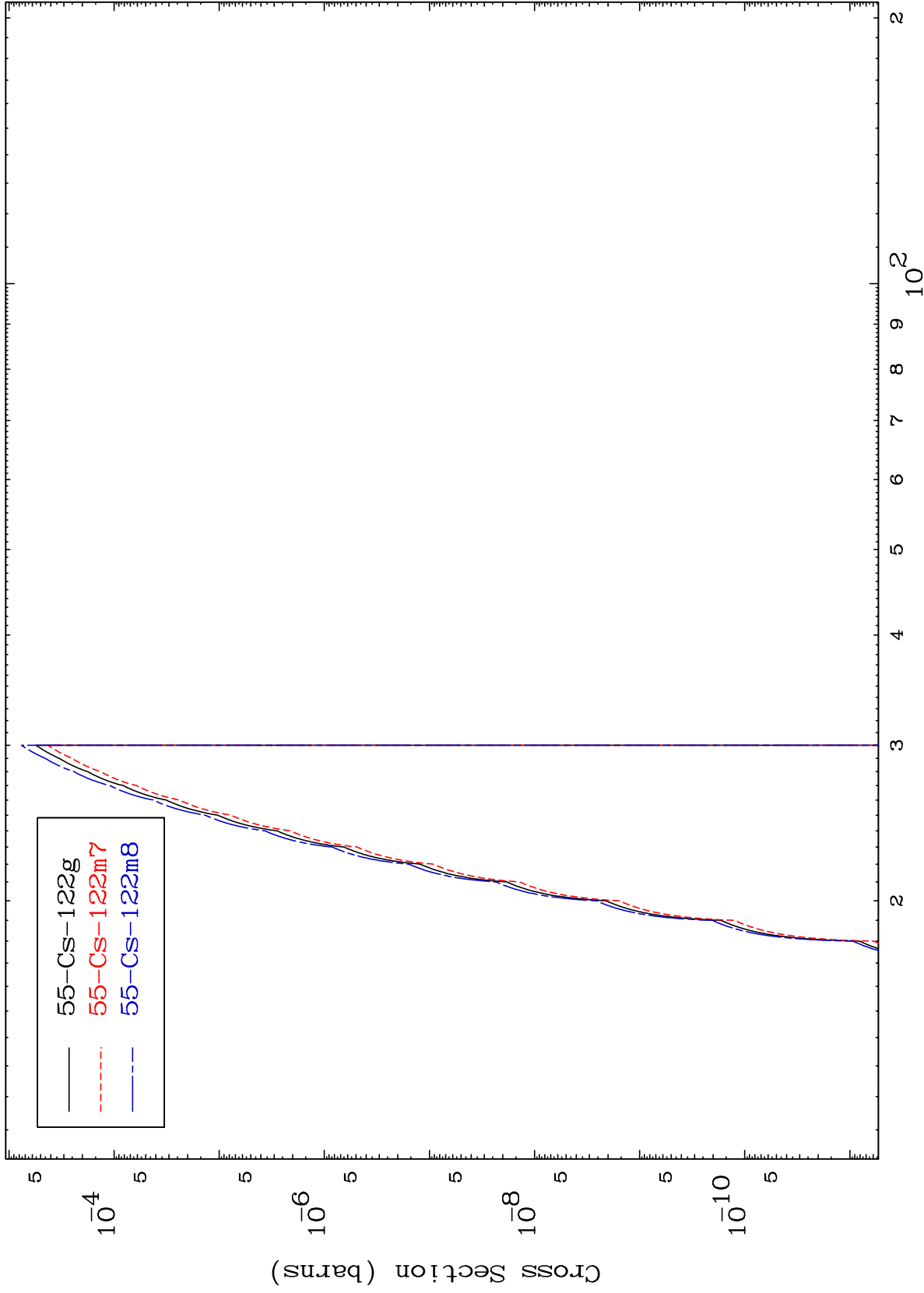


134

Incident Energy (MeV)

57-La-125

Radionuclide Production Cross Section

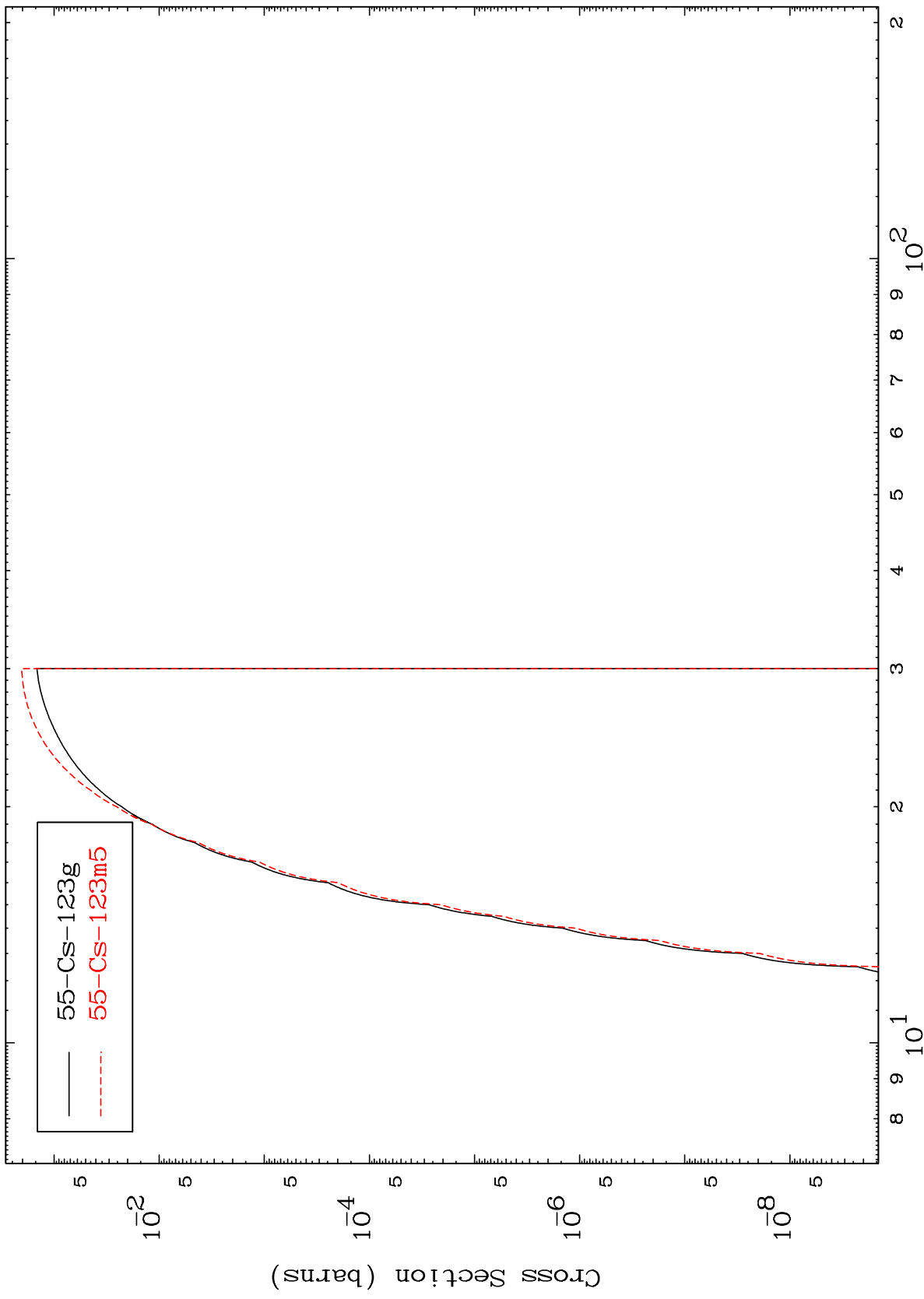


MAT 5686

(n,2n) p

57-La-125

Radionuclide Production Cross Section



136

Incident Energy (MeV)

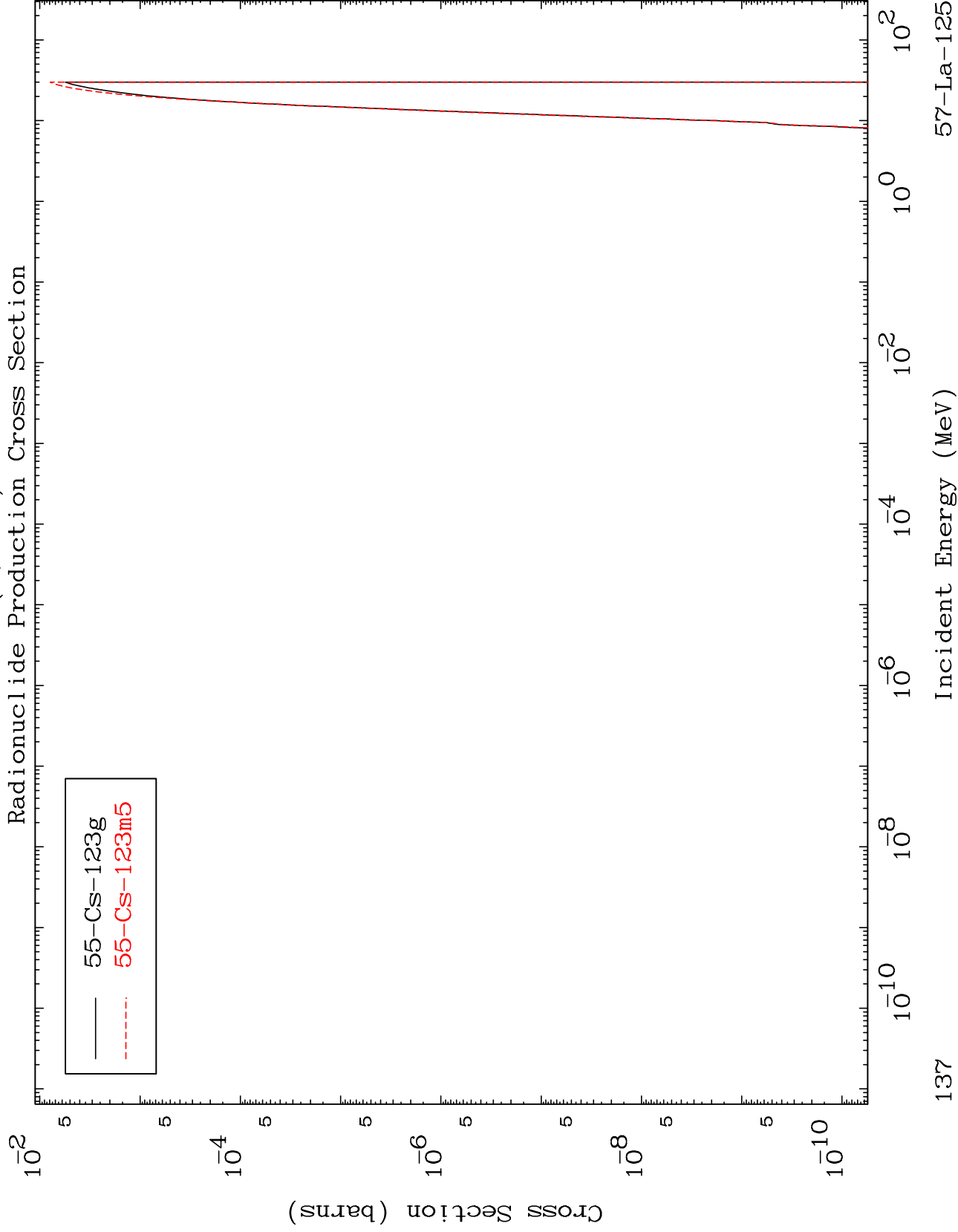
57-La-125

MAT 5686

(n,He-3)

57-La-125

Radionuclide Production Cross Section



137

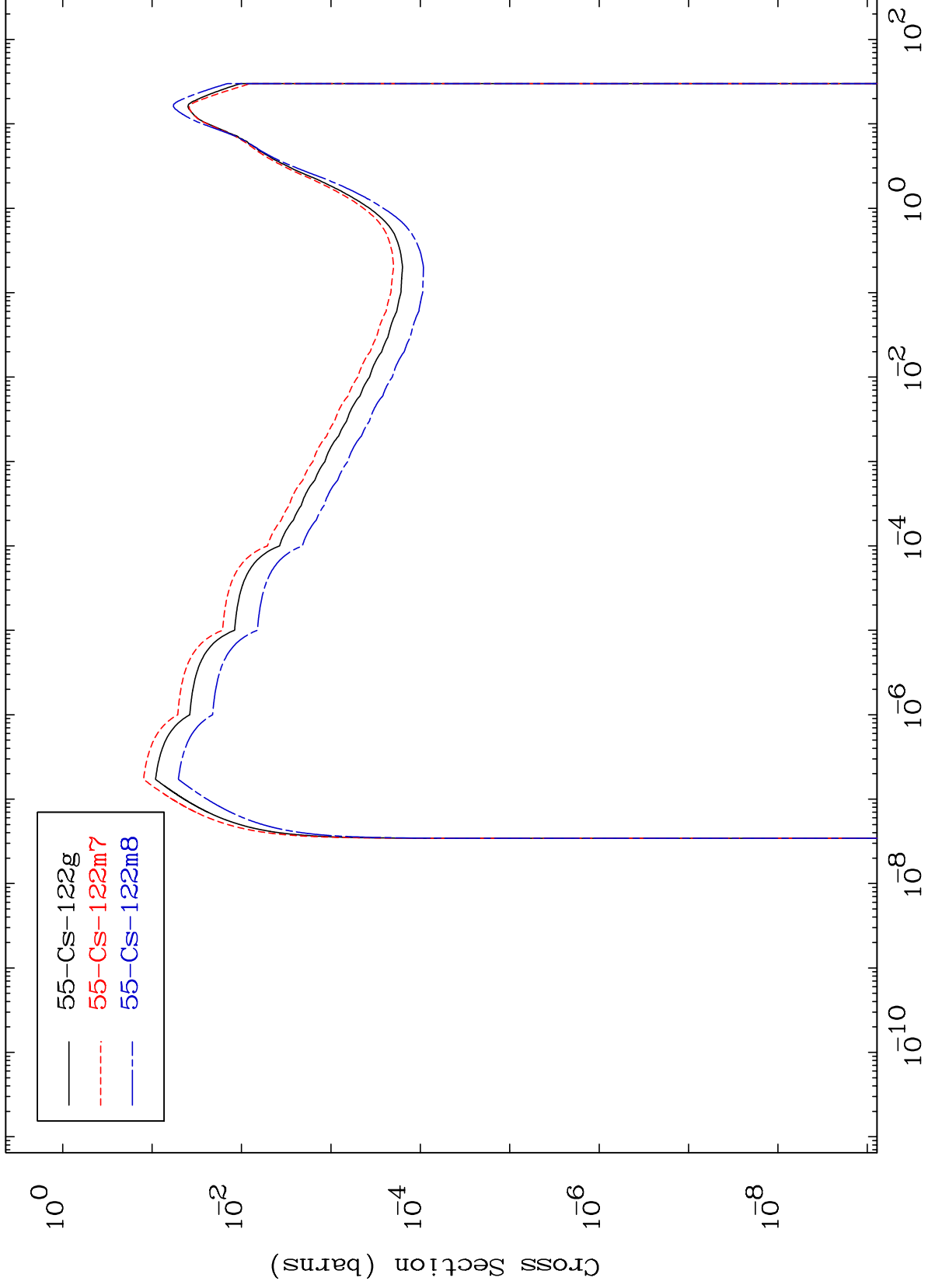
Incident Energy (MeV)

57-La-125

MAT 5686

57-La-125

Radionuclide Production Cross Section
(n, α)



138

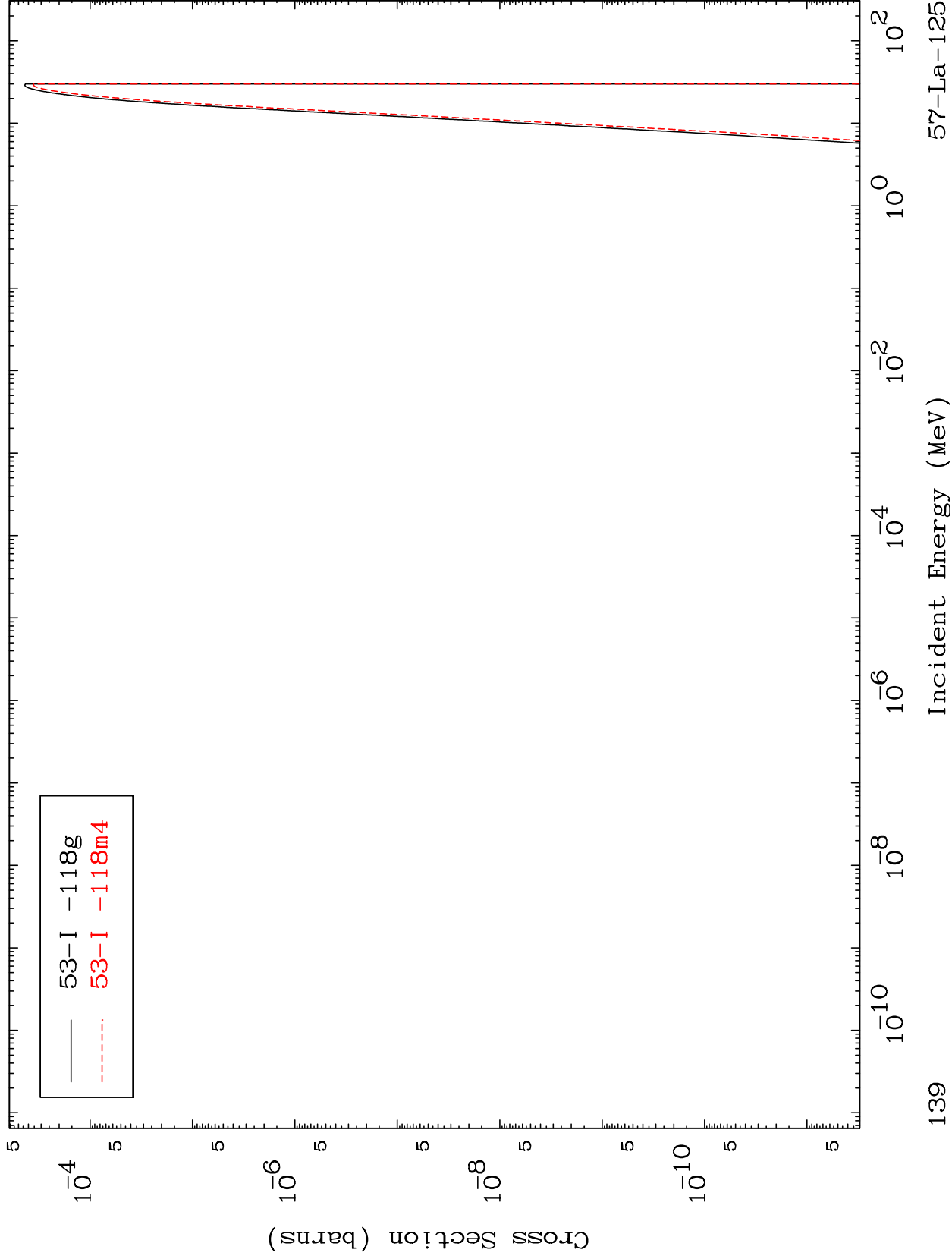
57-La-125

MAT 5686

(n,2α)

57-La-125

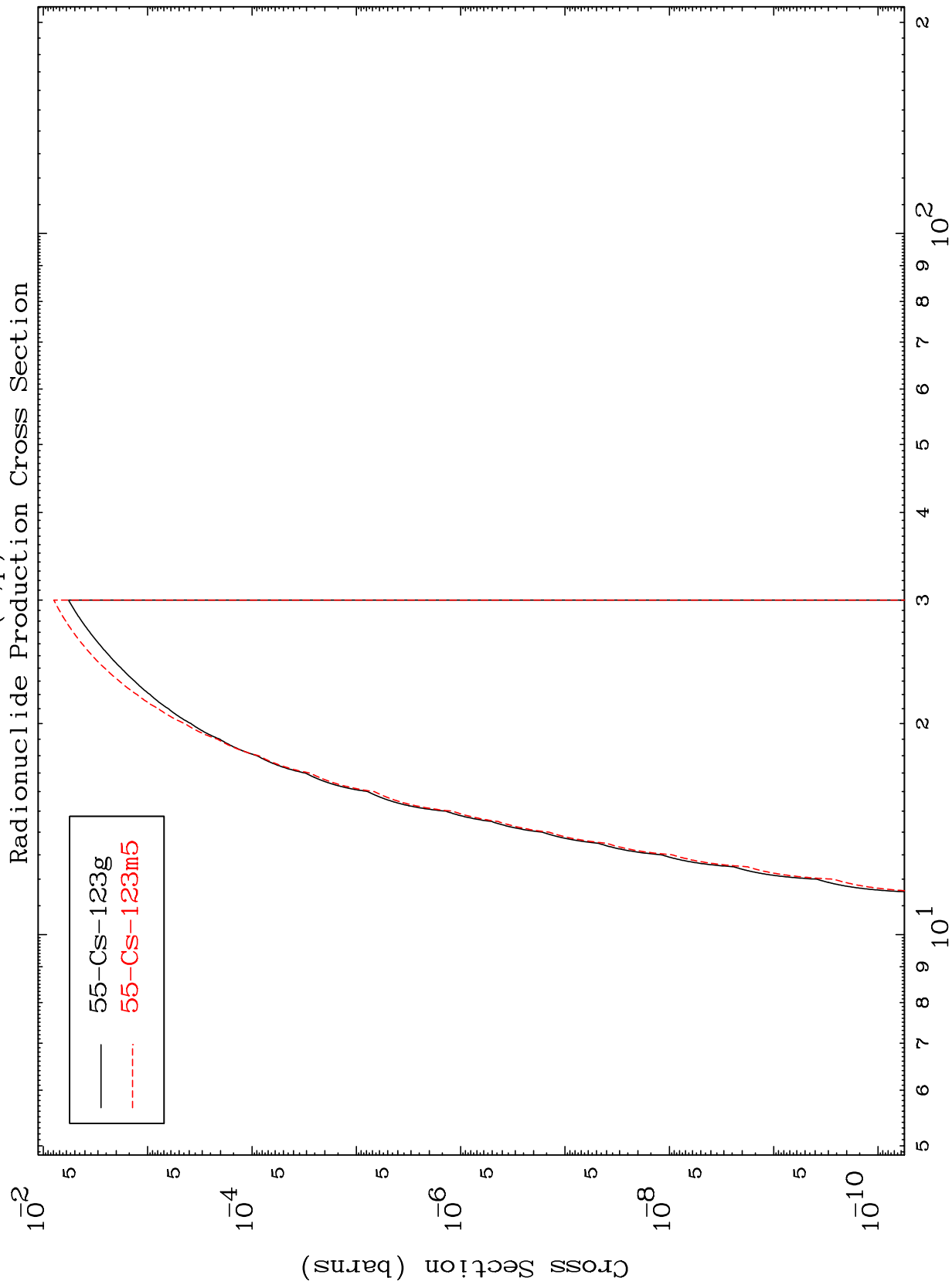
Radionuclide Production Cross Section



MAT 5686

(n,p) d

57-La-125

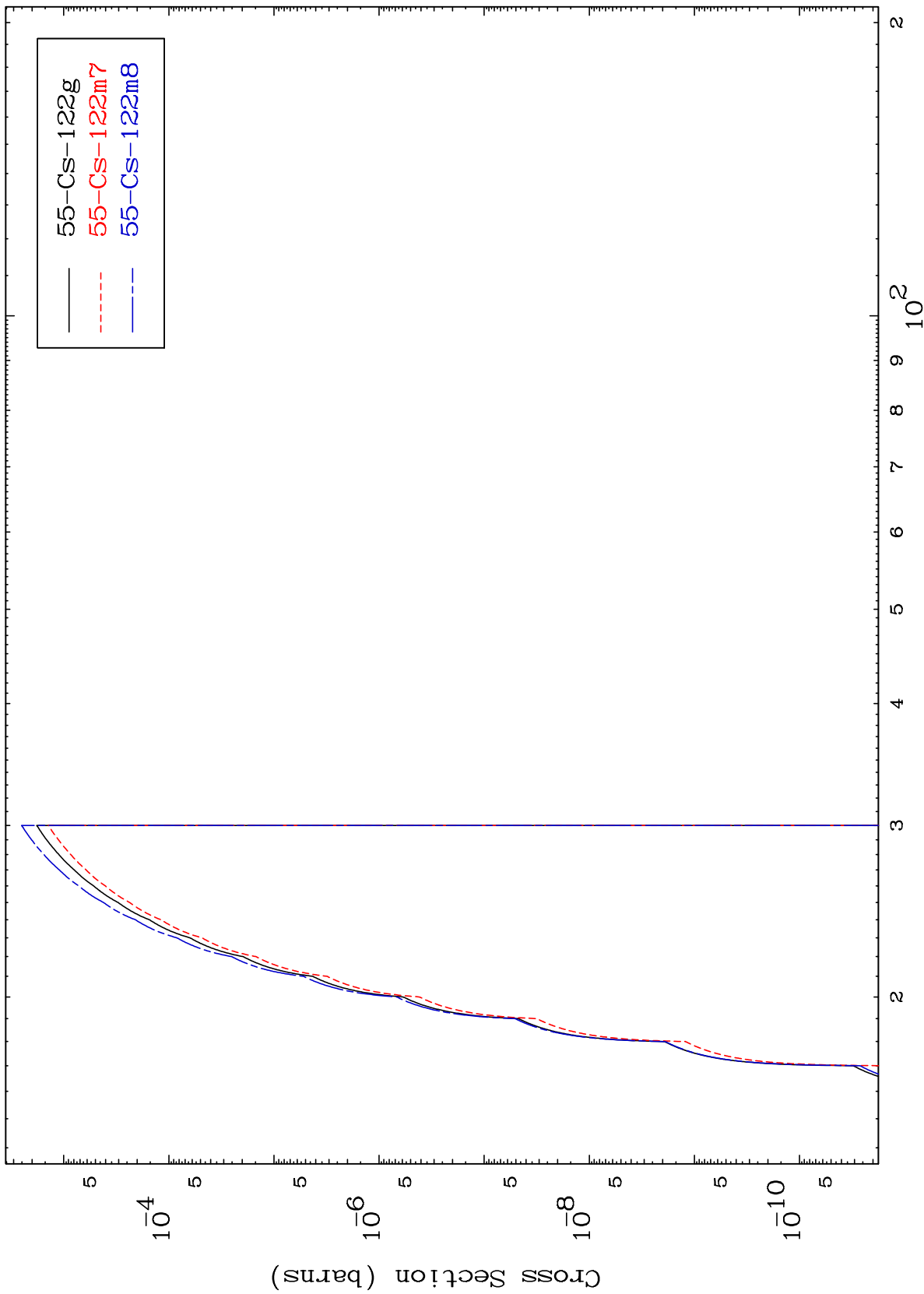


MAT 5686

(n,p) t

57-La-125

Radionuclide Production Cross Section



141

Incident Energy (MeV)

57-La-125